

**PROJECTED DEFENSE PURCHASES:
DETAIL BY INDUSTRY AND STATE**

Calendar Years 1999 through 2005



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FOREWORD

Projected Defense Purchases: Detail by Industry and State is issued by the Office of the Secretary of Defense (OSD). The estimates presented in the report are produced by the Economic and Manpower Analysis Division, Office of the Director for Program Analysis and Evaluation, Office of the Secretary of Defense.

The report provides projections of direct and indirect (defense-related) purchases from 50 major manufacturing industries, and estimates of direct and indirect defense spending in each state and the District of Columbia. An introduction presents a brief overview of the definitions, budgetary concepts, and expenditure categories used in developing the estimates, and offers some guidelines for interpreting them. The tabular material is divided into three sections:

Section I: Summary Tables – Industry Expenditures and Employment,
Individual States and Entire United States

Section II: Projections for Selected Industries

Section III: Individual State Projections

Descriptions of table formats accompany the projections.

Additional copies of this report may be obtained on the PA&E public access website homepage, <http://www.ra.pae.osd.mil/depps>. A feedback form for comments is at the end of the report.

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Reader's Note

With the 1996 edition of *Projected Defense Purchases: Detail by Industry and State*, the Department of Defense inaugurated a new version of the input-output model used to estimate defense and defense-related expenditures. The revisions to the model affect the estimates for specific industries, in large part because the industry definitions have changed as described below. In particular:

- The input-output model now includes 320 industries and is maintained by Interindustry Forecasting Project at the University of Maryland (Inforum). It replaces the previous 429-industry model, which was maintained by DRI/McGraw-Hill. Because fewer industries are represented in the new model, the definitions of some industries have changed. (The differences are greatest in the agriculture and service sectors.)
- The model now reflects the standard industrial classification (SIC) system promulgated by the Office of Management and Budget in 1987, rather than the 1982 SIC system, which underlay previous projections. This change also affects the definition of industries, particularly the electronics industry.

Both of these modifications affect projections for individual industries. For example: one of the largest industrial sectors in the earlier projections was the Radio and Television Communications Equipment sector, which included electronic sensors used in many defense applications. The 1987 industrial classification system contains more detail on electronics sectors; it is now possible to break out purchases of sensors from the remainder of radio and television communications equipment, and to produce projections for this individual industry.

In addition, the industries from which research and development purchases are made can now be better identified. Whereas funding for bench research and basic exploration was formerly allocated to the major weapons-producing sectors (e.g., aircraft, missiles, radio and TV equipment, etc.), such funding is now allocated to research laboratory, engineering, and architectural services industries.

The restructuring was so substantial that the input-output model has been renamed. The model is now called the Defense Employment and Purchases Projection System, or DEPPS. **The projections presented in this report should not be compared with estimates published before 1996, for states or for industries.**

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INTRODUCTION AND HIGHLIGHTS

This report presents estimates of defense purchases during calendar years 1999-2005 from 50 industries that are major defense suppliers. The report also provides projections of defense-related employment and of defense and defense-related spending for each of the 50 states and the District of Columbia during 1999-2005. The estimates are based on the President's budget submission of February 1999, and on the geographic distribution of the major components of defense spending in the recent past. A description of the model and data used to generate the estimates may be found in supporting documentation.¹

The figures reported here are projections; they do not necessarily reflect what actual defense expenditures will be in various industries or states in future years. Purchases from particular industries will depend upon the size and composition of the defense budget enacted by the Congress; the location of purchases will be determined not only by the level of defense spending, but also by the location of industries and by competition among firms within industries, both for prime contracts and for subcontracts.² The projections therefore serve as benchmarks: *they describe the future pattern of defense and defense-related expenditures, assuming that each state's shares of the various components of defense activity remain as they were in the recent past.*

The input-output model used to produce the projections was completely rebuilt in 1996, and the definitions of industries for which projections are reported have changed. (The new projections divide the economy into 320 industries, rather than the 429 industries employed in the previous model.) The restructured model produces more accurate and useful projections; *the changes are significant enough to render comparisons with projections made before 1996 inappropriate, for states as well as industries.*

Definitions and Coverage

The estimates presented in the following sections consider both "direct" and "indirect" defense expenditures. Direct defense expenditures are those that the Department of Defense

¹ Forthcoming from Economic and Manpower Analysis Division, Office of the Director, Program Analysis and Evaluation, Office of the Secretary of Defense, Room 2D311, Pentagon, Washington, D.C. 20301-1800, telephone number (703) 697-2999; to be available at <http://www.ra.pae.osd.mil/depps>.

² The Directorate for Information Operations and Reports in the Washington Headquarters Services publishes comprehensive data on prime contract awards and personnel expenditures, by state, in a volume entitled *Atlas/State Data Abstract for the United States*. The edition covering fiscal year 1998 is available from the Superintendent of Documents at <http://web1.whs.osd.mil/mmid/pubs.htm>. Paper copies are not available.

(DoD) itself makes. Examples include purchases of goods and services, as well as military and civilian pay.

Indirect (or defense-related) expenditures, by contrast, represent purchases—generated throughout the economy—of items used to produce goods bought by DoD. That is, indirect expenditures reflect the costs of materials, tools, and parts that prime contractors buy from suppliers in order to perform work for which DoD has contracted. Those sales, in turn, trigger subsequent rounds of transactions, as subcontractors purchase goods and services from their major suppliers and those firms place orders with companies at lower tiers of the production chain. The term “indirect defense purchases” applies to this sequence of purchases—of goods and services from subcontractors and lower-tier suppliers.

“Indirect defense purchases resulting from direct pay,” shown in the state-level tables in Section III, refer to the production of goods and services consumed by DoD’s civilian and military employees. Estimates of these expenditures are included in the statewide tables because the concept has been of interest to planning agencies and others concerned with local economic development. The methods used to generate these estimates are viewed as experimental, however, and are still under development. Indirect defense purchases resulting from direct pay are *not* included in the industry estimates reported in Section II.

The employment estimates include DoD civilian employment and employment resulting from direct and indirect DoD purchases of goods and services. Employment generated by indirect purchases resulting from direct pay (i.e., by personal consumption expenditures) is *not* included in the estimates.

Budget Concept Employed. The DEPPS projections are expressed in terms of outlays. Outlays represent disbursements of funds made during the course of a year. In contrast, budget authority is the amount of money that Congress authorizes DoD to obligate in any given year. Budget authority differs from outlays in that contractual obligations (which must be within the limits set by budget authority) often call for payments to be spread over a period of years, as work is completed. (Budget authority for RDT&E and procurement projects, in particular, tends to be disbursed over several years.) Thus, during periods of budget growth, budget authority tends to exceed outlays in any given year.

Coverage. The federal budget is divided into a number of sections (called “functional categories”), each containing programs serving a common purpose. National security-related programs are grouped into Functional Category 050 (National Defense). This category *includes* all of the Defense Department’s *military* programs plus national security programs administered by other federal departments, such as the Department of Energy. It *excludes nonmilitary* programs managed by the Department of Defense (for example, highway bridge inspection projects conducted by the Army Corps of Engineers).

The DEPPS projections are based on a narrower budget grouping, Functional Category 051 (Department of Defense, Military). This category *includes* all of the Defense Department’s military programs, but *excludes* national security programs administered by other agencies and

DoD programs serving civil functions (principally public works projects of the U.S. Army Corps of Engineers). The projections also include disbursements of military retirement pay.

The defense budget (defined here to include only those programs falling within Functional Category 051) is partitioned into five major accounts: military personnel; operations and maintenance (O&M); procurement; research, development, test, and evaluation (RDT&E); and military construction. The titles of these accounts are reasonably descriptive of the types of expenses they cover:

- The *military personnel* account covers the pay of active-duty service members and reservists as well as some other personnel-related expenses, such as permanent change-of-station travel and purchases of military uniforms. Also included in this account is DoD's share of the government's annual payments into the Military Retirement Fund (see below).
- The *O&M* account funds the day-to-day operations of the defense establishment. Money from this account goes to purchase fuel and other consumable items and to pay all but a small share of DoD's civilian work force.
- The *procurement* account covers purchases of weapons and equipment, and other military capital goods.
- The *RDT&E* account pays for the development and testing of new military systems, and for other research activities and associated civilian pay.
- The *military construction* account covers the cost of constructing military facilities and of providing housing for military personnel and their dependents.

The DEPPS projections include disbursements of military retirement pay from the Military Retirement Fund (Functional Category 602 in the *Budget of the United States Government*). This trust fund receives payments from the military personnel account of the defense budget (i.e., from Functional Category 051) as well as from the general fund of the federal budget; the balance in the Military Retirement Fund is invested in U.S. government securities and earns interest. Annual disbursements from the Military Retirement Fund are currently larger than DoD's annual payments into it.

The DEPPS projections include all outlays from the DoD military personnel account *except* payments *into* the Military Retirement Fund. Military pay and annuity payments to military retirees have different geographical patterns; accordingly, the projections use two different, historically-based distribution rules—one for military pay and one for retirement pay. Because the DEPPS projections include disbursements of retirement pay, the summations across states of direct defense purchases slightly exceed outlays from Category 051.

Highlights of the Projections

The composition of projected defense purchases is quite different from the composition of purchases in the nondefense economy. Figure 1 presents information on the composition of projected defense and nondefense final purchases in 2000, excluding salaries. A large proportion of defense purchases—52 percent—are made from manufacturing industries. In contrast, only about 32 percent of nondefense final purchases are made from the manufacturing sector of the economy. Services constitute about 42 percent of defense final purchases, but about 63 percent of nondefense final purchases. (These are non-labor purchases; if DoD personnel costs are included, the share of purchases from manufacturing industries is roughly equal to the economy-wide share.)

Figure 2 presents information on the composition of estimated defense and nondefense indirect purchases—the sales of tools, materials, and supplies used as intermediate goods in the production process. Indirect defense purchases more nearly resemble their nondefense counterparts than do direct defense purchases; manufacturing accounts for about 39 percent of projected defense indirect purchases, and for about 35 percent of projected nondefense indirect purchases. Services account for half of projected defense and nondefense indirect purchases.

The first table in Section I of this report lists the 50 non-food/tobacco manufacturing industries with the largest (direct plus indirect) projected defense production. While some of these industries are armaments or defense-oriented (shipbuilding, tanks and tank components, aircraft, and guided missiles, for example), a significant share of defense purchases are made directly or indirectly from industries not so obviously oriented toward defense activities (e.g., electronics, blast furnaces and steel mills, motor vehicle parts, industrial controls, telephone and telegraph equipment, and apparel).

Defense-Related Employment. Defense-related civilian employment (including the civilian work force of the Department of Defense) represents about 1.8 percent of projected total U.S. civilian employment in 2000. The composition of defense-related civilian employment (in 2000) differs somewhat from that of nondefense employment. The differences reflect the manufacturing intensity of defense purchases, as well as specific employment patterns of the individual industries from which defense purchases are made.

Occupations primarily associated with manufacturing industries (e.g., precision production, craft, and repair) account for a large share of defense-related employment (17 percent), while service and agricultural workers account for a large proportion of nondefense employment (22 percent) (see Figure 3). Engineering workers also account for a somewhat larger share of defense-related employment (6 percent) than they do of nondefense employment (1 percent). More detailed tabulations of defense-related employment (including engineering and scientific personnel, by specialty) are provided in Section I.

Defense Expenditures by State. Table 1 presents estimates of direct, indirect, and total (direct plus indirect) per capita defense expenditures in 2000 for each of the nine U.S. census divisions and for the United States as a whole. For each region and each expenditure category,

the table provides both an estimate for the census region and a range of estimates corresponding to the upper and lower bounds of the projections for the individual states within the region.

The geographic distribution of defense expenditures reflects both the distribution of military personnel and DoD civilian employees, and that of the industries that make defense goods. While New England, for example, ranks seventh among the nine census regions in defense pay per capita, it ranks third in total projected defense purchases and third in total projected direct expenditures.

The dispersion within regions is large relative to the dispersion across regions. For example:

- Seven of the nine regions contain one or more states in which total projected defense expenditures (direct plus indirect from direct) exceed the national average, and all nine regions contain one or more states in which these expenditures are less than the national average; in only two regions are these expenditures less than the national average in all the states.
- Eight of the nine regions contain at least one state in which total projected defense expenditures are less than 70 percent of the national average, and all nine regions contain at least one state in which total projected defense expenditures are greater than 70 percent of the national average. At the same time, six regions contain at least one state in which total projected defense expenditures are less than 50 percent of the national average, and seven regions contain at least one state in which total projected defense expenditures are greater than 95 percent of the national average.

The DEPPS projections describe the pattern of defense and defense-related expenditures, assuming that the geographic distribution of the various components of defense activity remains what it has been in recent years. The actual course of completion of defense contracts may produce a future geographic pattern that differs from historical distributions.

Total Defense Expenditures. Table 2a displays expenditures from the entire DoD budget by major account, as well as procurement expenditures for major categories of weapon systems. The sum of expenditures each year is the total of DoD's outlays for the calendar year. Table 2b displays indirect defense expenditures.

Limitations of the Projections

The projections of defense purchases presented in Section II comprise direct and indirect purchases from various industries. They attempt to include all defense purchases, whether or not the purchases are made domestically.

By contrast, the state-level projections in Section III include only purchases and pay estimated to be made in the 50 states and the District of Columbia. They exclude expenditures

made abroad or in U.S. territories, the pay of military personnel stationed on ships in foreign waters, and expenditures for imported goods. In order to factor out such expenditures, historical data showing the distribution of military personnel are used and an assumption is made about the level of defense imports. Specifically, it is assumed that, for the products of any given industry, imports constitute the same share of defense purchases as they do of civilian purchases. Because the Defense Department is required to channel most of its purchases to domestic firms, and because defense purchases often represent specialized products, the percentage of defense purchases accounted for by imports may be lower than this assumption suggests. To the extent that this is the case, the projections will underestimate the proportion of defense expenditures occurring in the United States.

Comparisons With Previous Estimates

The input-output model used to generate estimates for this report has been rebuilt since the document was last issued. The revisions to the model affect results for specific industries. In particular:

- The input-output model now includes 320 industries and is maintained by Interindustry Forecasting at the University of Maryland (Inforum). It replaces a 429-industry model that was maintained by DRI/McGraw-Hill, which was used before 1996. Because fewer industries are represented in the new model, the definitions of some industries have changed. (The differences are greatest in the agriculture and service sectors.)
- The model now reflects the standard industrial classification (SIC) system promulgated by the Office of Management and Budget in 1987, rather than the 1982 SIC system, which underlay previous projections.

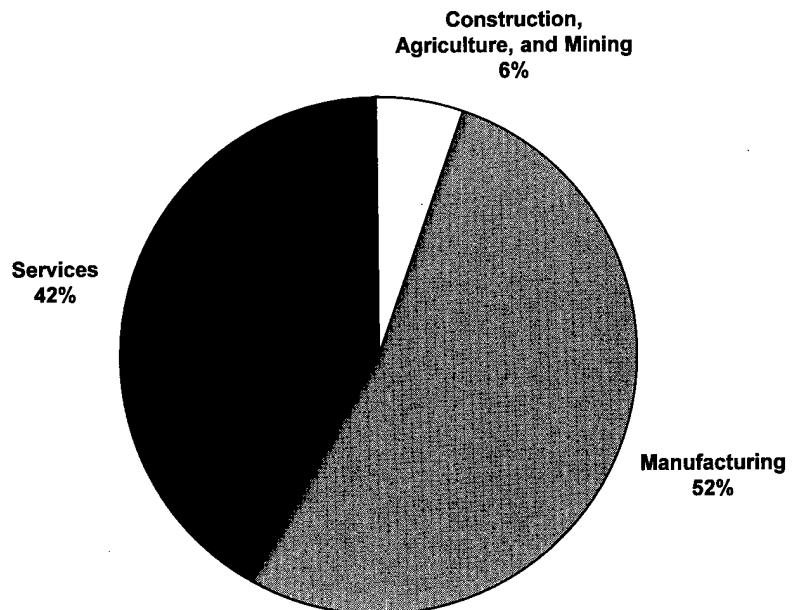
Both of these changes affect projections for individual industries. For example, one of the largest industrial sectors in the earlier projections was the Radio and Television Communications Equipment sector, which included electronic sensors used in many defense applications. The 1987 industrial classification system contains more detail on electronics sectors; it therefore is possible to break out purchases of sensors from the remainder of radio and television communications equipment, and to produce projections for this individual industry.

In addition, the industries from which R&D purchases are made now are better identified. Whereas funding for bench research and basic exploration was formerly allocated to the major weapons-producing sectors (e.g., aircraft, missiles, radio and TV equipment, etc.), such funding is now allocated to the research laboratory, engineering, and architectural services industries.

Given the significance of these changes, the DEPPS projections should not be compared with estimates published in earlier editions of this report, for states or for industries.

Figure 1.
Composition of Defense and Non-Defense Purchases for 2000

Direct Defense Purchases



Direct Nondefense Purchases

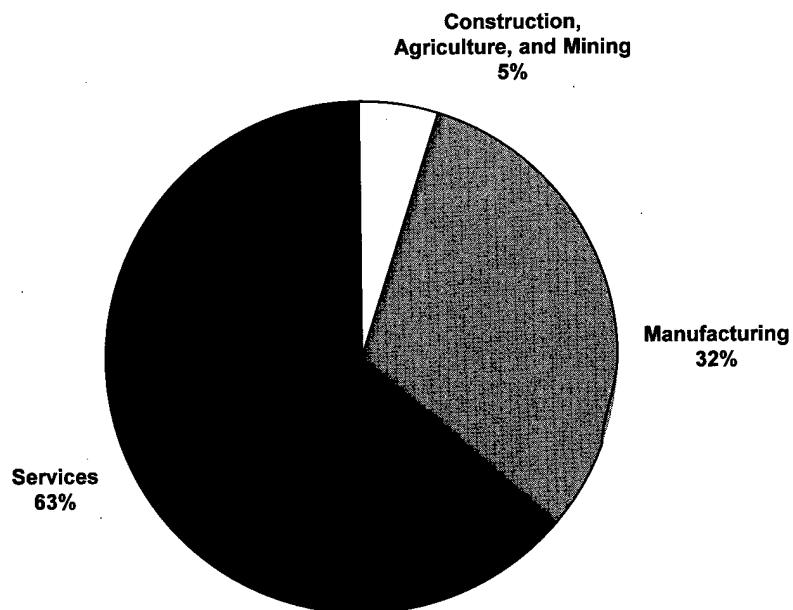
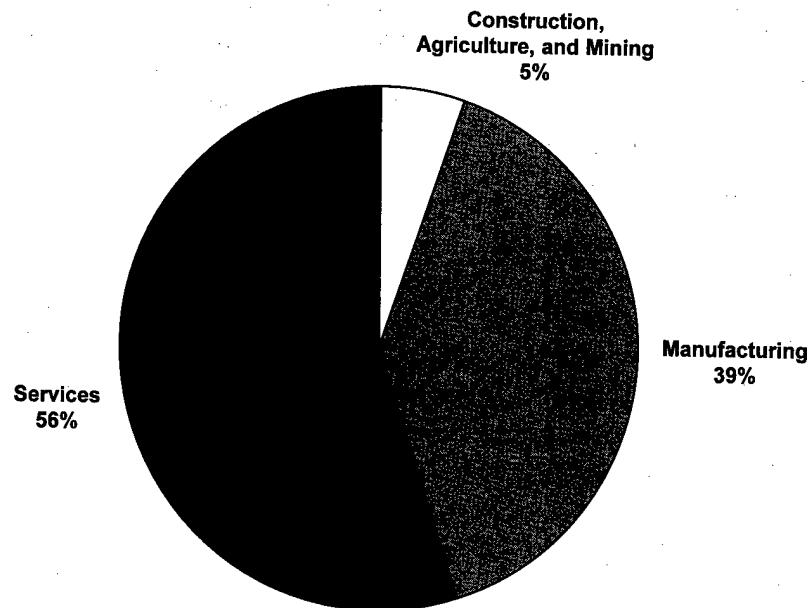


Figure 2.
Composition of Defense and Non-Defense Purchases for 2000

Indirect Defense Purchases



Indirect Nondefense Purchases

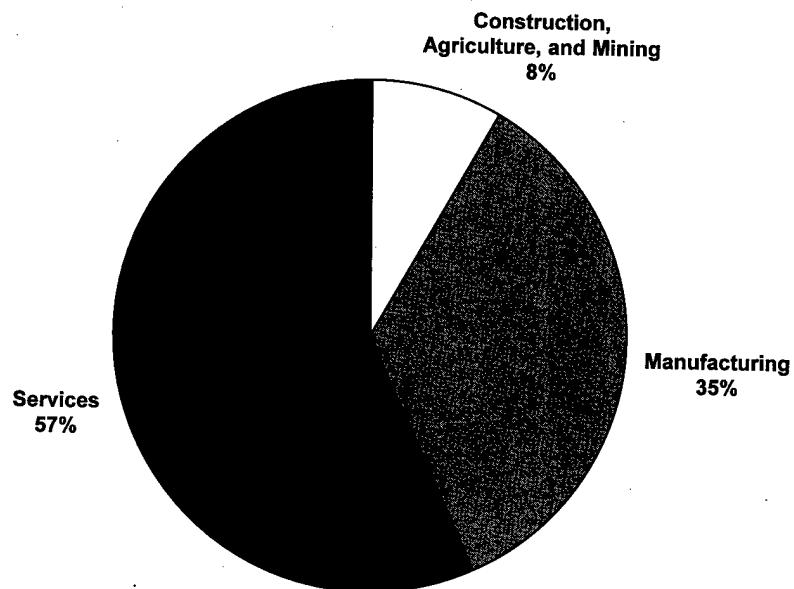
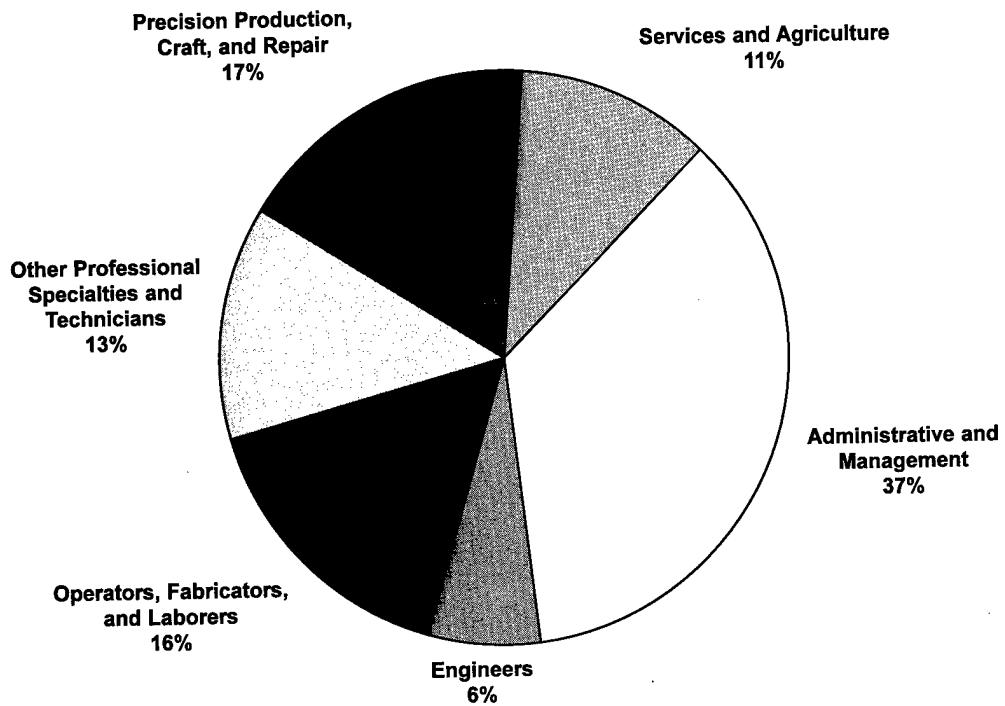


Figure 3.
Composition of Civilian Employment for 2000

Defense-Related Employment



Nondefense-Related Employment

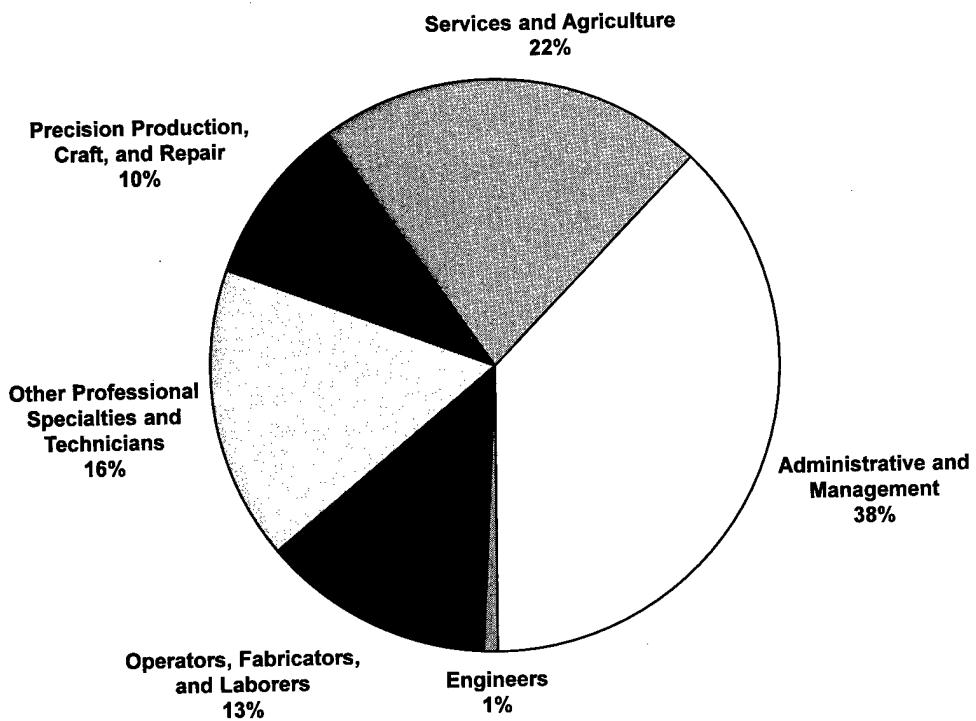


Table 1.
Estimated Defense Expenditures Per Capita, 2000
(By region, in 2000 dollars)

| Region | Direct | | | Indirect from Direct Purchases | Total |
|--------------------|---------------------|---------------------|----------------------|---|-----------------------|
| | Pay | Purchases | Total | | |
| New England | 252 (172 - 553) | 907 (327 - 1065) | 1159 (502 - 1439) | 569 (294 - 722) | 1728 (1000 - 1959) |
| Mid-Atlantic | 176 (112 - 241) | 354 (298 - 521) | 531 (410 - 744) | 406 (326 - 507) | 937 (736 - 1251) |
| South Atlantic | 816 (160 - 3004) | 830 (98 - 2929) | 1646 (258 - 5933) | 551 (329 - 1375) | 2197 (590 - 7308) |
| East North Central | 186 (95 - 269) | 214 (139 - 332) | 400 (240 - 572) | 433 (333 - 514) | 833 (573 - 1086) |
| West North Central | 297 (98 - 744) | 570 (144 - 1292) | 867 (331 - 1656) | 436 (303 - 546) | 1303 (634 - 2202) |
| East South Central | 447 (227 - 608) | 533 (300 - 781) | 980 (673 - 1338) | 437 (335 - 604) | 1418 (1060 - 1907) |
| West South Central | 491 (330 - 779) | 463 (126 - 546) | 954 (456 - 1080) | 545 (346 - 594) | 1499 (802 - 1633) |
| Mountain | 523 (300 - 750) | 481 (102 - 710) | 1004 (402 - 1326) | 428 (231 - 568) | 1432 (737 - 1807) |
| Pacific | 547 (172 - 2213) | 735 (56 - 1357) | 1281 (229 - 3176) | 535 (342 - 1939) | 1817 (571 - 4841) |
| United States | 440 (95 - 3004) | 553 (56 - 2929) | 992 (229 - 5933) | 486 (231 - 1939) | 1479 (571 - 7308) |

Source: RDEPPS calculations

NOTES: The numbers in parentheses reflect the lower and upper bounds of the estimates for individual states in the regions.

New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

Mid-Atlantic: New Jersey, New York, Pennsylvania

South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia

East North Central: Illinois, Indiana, Michigan, Ohio, Wisconsin

West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota

East South Central: Alabama, Kentucky, Mississippi, Tennessee

West South Central: Arkansas, Louisiana, Oklahoma, Texas

Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming

Pacific: Alaska, California, Hawaii, Oregon, Washington

Table 2a.
Sources of Projected Direct Defense Purchases
Department of Defense
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Military Personnel Operations & Maintenance | 74,838 | 74,445 | 71,809 | 72,861 | 72,917 | 73,567 | 75,578 |
| | 98,299 | 98,443 | 100,716 | 99,632 | 99,366 | 99,476 | 99,596 |
| Aircraft | 17,820 | 17,946 | 19,002 | 20,163 | 21,243 | 21,837 | 22,068 |
| Missiles | 2,928 | 2,791 | 3,075 | 3,405 | 3,720 | 3,950 | 4,024 |
| Weapons and Tracked Vehicles | 1,618 | 1,454 | 1,444 | 1,479 | 1,577 | 1,772 | 2,037 |
| Ships and Conversions | 8,123 | 6,899 | 7,153 | 7,574 | 8,384 | 8,682 | 8,968 |
| Ammunition | 311 | 274 | 273 | 282 | 285 | 296 | 300 |
| Other | 17,821 | 18,515 | 20,195 | 21,431 | 22,641 | 23,689 | 24,396 |
| Total Procurement | 48,621 | 47,878 | 51,141 | 54,334 | 57,850 | 60,227 | 61,792 |
| Research, Development, Test, Evaluation | 36,678 | 34,358 | 33,719 | 33,151 | 32,606 | 31,935 | 30,965 |
| Military Construction | 5,213 | 4,505 | 4,159 | 4,856 | 4,462 | 4,104 | 4,053 |
| Family Housing and Homeowners Asst Prog | 3,886 | 3,628 | 3,437 | 3,498 | 3,485 | 3,486 | 3,486 |
| Defense-Wide Contingencies | 40 | -967 | -1,918 | -1,731 | 22 | 1,174 | 4,716 |
| Revolving and Management Funds | 1,378 | 218 | 813 | 757 | 670 | 709 | 873 |
| Trust & Receipts | -1,523 | -1,304 | -1,151 | -1,125 | -1,067 | -995 | -956 |
| Deductions, Intragovernment Receipts | -130 | -117 | -115 | -113 | -111 | -109 | -107 |
| Total Direct Defense Purchases | 267,301 | 261,088 | 262,611 | 266,118 | 270,199 | 273,572 | 279,996 |

Source: IDEPPS calculations
Note: Numbers may not add due to rounding.

Table 2b.
Sources of Projected Indirect Defense Purchases
Department of Defense
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Military Personnel | | | | | | | |
| Operations & Maintenance * | 11,448 | 11,438 | 9,949 | 10,917 | 11,075 | 11,520 | 12,810 |
| | 49,910 | 49,247 | 52,268 | 53,062 | 55,608 | 57,769 | 62,528 |
| Aircraft | 15,085 | 15,412 | 16,346 | 17,360 | 18,229 | 18,810 | 19,164 |
| Missiles | 2,267 | 2,188 | 2,446 | 2,739 | 3,017 | 3,226 | 3,300 |
| Weapons and Tracked Vehicles | 2,225 | 2,003 | 1,993 | 2,045 | 2,182 | 2,467 | 2,841 |
| Ships and Conversions | 4,877 | 4,142 | 4,269 | 4,555 | 5,036 | 5,128 | 5,296 |
| Ammunition | 264 | 232 | 231 | 240 | 243 | 254 | 258 |
| Other | 15,731 | 16,594 | 18,240 | 19,543 | 20,820 | 21,860 | 22,679 |
| Total Procurement | 40,449 | 40,571 | 43,526 | 46,482 | 49,527 | 51,746 | 53,537 |
| Research, Development, Test, Evaluation | 30,221 | 28,744 | 28,495 | 28,308 | 28,127 | 27,816 | 27,181 |
| Military Construction | 3,022 | 2,532 | 2,277 | 2,547 | 2,246 | 2,030 | 2,001 |
| Family Housing | 1,447 | 1,364 | 1,314 | 1,360 | 1,345 | 1,352 | 1,360 |
| Total Indirect Defense Purchases | 136,495 | 133,896 | 137,829 | 142,676 | 147,928 | 152,232 | 159,418 |

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Source: IDEPPS calculations

Note: Numbers may not add due to rounding.

SECTION I: SUMMARY TABLES - Industry Expenditures and Employment, Individual States and Entire United States

The summary tables provide an overview of estimated defense expenditures and employment. The Table 3 presents estimates of total defense purchases from the 50 non-food/tobacco manufacturing industries leading in defense production in 2000. These estimates include both direct and indirect purchases. Table 4 presents estimates of defense-related employment by major occupational category, while Table 5 provides more detailed estimates of defense-related employment of engineers and scientists.

The remaining five tables present state-level information:

- The first three state-level tables present estimates of direct defense expenditures, first in the aggregate and then for selected budget accounts. Table 6 shows outlays (for purchases and pay) projected to be made in each state during each year of the forecast period. (The estimates assume that state shares of the underlying components of pay and purchases remain at recent levels.) The next two tables present statewide estimates by budget category; Table 7 shows outlays arising from the procurement and RDT&E accounts, while Table 8 displays outlays resulting from the remaining accounts.
- The last two state-level tables present estimates of indirect defense expenditures. Table 9 shows indirect expenditures arising from purchases made by the Department of Defense; Table 10 shows indirect expenditures arising from the wages and salaries of DoD personnel and from military retirement pay.

Table 3.
Projected Defense Purchases from Fifty Non-Food/Tobacco Manufacturing Industries Leading in Defense Production in 2000
 in Millions of 2000 Dollars

| Ind # | Supplying Industry | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------|--|--------|--------|--------|--------|--------|--------|--------|
| 237 | Aircraft and Missile Parts and Auxiliary Equipment, n.e.c. | 12,214 | 11,564 | 12,299 | 13,051 | 13,948 | 14,751 | 15,018 |
| 235 | Aircraft | 9,436 | 9,972 | 10,481 | 10,814 | 10,846 | 10,851 | 11,049 |
| 238 | Shipbuilding and Repairing | 8,706 | 7,739 | 8,192 | 8,626 | 9,644 | 10,211 | 10,432 |
| 236 | Aircraft and Missile Engines, Propulsion Units and Parts | 7,919 | 7,619 | 7,573 | 7,555 | 7,635 | 7,821 | 7,930 |
| 220 | Radio and TV Broadcasting and Communication Equipment | 7,224 | 7,200 | 7,502 | 7,700 | 7,931 | 8,245 | 8,366 |
| 21 | Guided Missiles and Space Vehicles | 5,532 | 5,285 | 5,460 | 5,617 | 5,820 | 5,882 | 6,035 |
| 110 | Petroleum Refining, Except Fuel Oil | 5,433 | 5,148 | 5,160 | 5,193 | 5,605 | 5,970 | 7,000 |
| 223 | Electronic Components, n.e.c. | 4,144 | 4,126 | 4,361 | 4,489 | 4,649 | 4,774 | 4,869 |
| 222 | Semiconductors and Related Devices | 3,694 | 3,791 | 4,123 | 4,416 | 4,737 | 5,036 | 5,337 |
| 246 | Search and Navigation Equipment | 3,685 | 3,672 | 3,806 | 4,004 | 4,222 | 4,301 | 4,341 |
| 22 | Ammunition, Except Small Arms | 3,535 | 3,397 | 3,647 | 3,882 | 4,120 | 4,204 | 4,287 |
| 198 | Electronic Computers | 2,977 | 2,960 | 3,126 | 3,205 | 3,298 | 3,353 | 3,457 |
| 111 | Fuel Oil | 2,469 | 2,321 | 2,303 | 2,307 | 2,503 | 2,677 | 3,191 |
| 118 | Miscellaneous Plastic Products | 2,330 | 2,319 | 2,431 | 2,524 | 2,634 | 2,720 | 2,868 |
| 233 | Motor Vehicles and Passenger Car Bodies | 2,071 | 2,071 | 2,201 | 2,405 | 2,623 | 2,699 | 2,937 |
| 133 | Steel Mills, Blast Furnaces, and Rolling and Finishing Mills | 1,784 | 1,684 | 1,728 | 1,763 | 1,813 | 1,829 | 1,858 |
| 248 | Measuring Devices and Environmental Controls | 1,584 | 1,563 | 1,662 | 1,770 | 1,834 | 1,895 | 1,957 |
| 95 | Industrial Inorganic Chemicals | 1,519 | 1,478 | 1,533 | 1,555 | 1,592 | 1,618 | 1,665 |
| 90 | Commercial Printing | 1,349 | 1,323 | 1,365 | 1,404 | 1,447 | 1,481 | 1,543 |
| 174 | Industrial Trucks, Tractors, Trailers, and Stackers | 1,316 | 1,301 | 1,356 | 1,393 | 1,400 | 1,423 | 1,478 |
| 249 | Surgical and Medical Instruments | 1,151 | 1,124 | 1,155 | 1,179 | 1,209 | 1,234 | 1,281 |
| 142 | Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire | 1,134 | 1,102 | 1,129 | 1,163 | 1,179 | 1,197 | 1,223 |
| 221 | Electron Tubes | 1,085 | 1,038 | 1,024 | 1,020 | 1,033 | 1,046 | 1,042 |
| 59 | Apparel | 1,035 | 1,035 | 913 | 1,012 | 1,037 | 1,068 | 1,150 |
| 96 | Industrial Organic Chemicals | 1,065 | 1,032 | 1,054 | 1,080 | 1,109 | 1,129 | 1,172 |
| 234 | Motor Vehicle Parts and Accessories | 1,040 | 1,025 | 1,070 | 1,144 | 1,229 | 1,264 | 1,373 |
| 210 | Motors and Generators | 950 | 897 | 901 | 927 | 913 | 909 | 921 |
| 199 | Computer Peripheral Equipment | 872 | 868 | 915 | 937 | 966 | 984 | 1,013 |
| 164 | Fabricated Metal Products, n.e.c. | 775 | 812 | 886 | 907 | 957 | 992 | 1,031 |
| 151 | Fabricated Plate Work (Boiler Shops) | 826 | 794 | 832 | 826 | 834 | 830 | 827 |
| 163 | Pipes, Valves, and Pipe Fittings | 747 | 756 | 805 | 830 | 880 | 918 | 968 |
| 141 | Aluminum Rolling and Drawing Products | 732 | 714 | 743 | 766 | 790 | 803 | 825 |
| 102 | Plastics Materials and Resins | 691 | 678 | 702 | 724 | 748 | 766 | 798 |
| 253 | Laboratory and Optical Instruments | 653 | 677 | 740 | 757 | 792 | 817 | 831 |
| 216 | Electric Lamps, Light Fixtures, and Wiring | 709 | 665 | 666 | 683 | 667 | 664 | 691 |
| 159 | Metal Plating, Polishing, and Coating | 654 | 650 | 687 | 716 | 748 | 776 | 802 |
| 78 | Paper Mills, Including Building Paper | 666 | 647 | 661 | 674 | 689 | 699 | 722 |
| 177 | Special Dies, Jigs, Molds, and Cutting Tools | 637 | 646 | 667 | 680 | 684 | 688 | 702 |

Source: IDEPPS calculations

Table 3. (continued)
Projected Defense Purchases from Fifty Non-Food/Tobacco Manufacturing Industries Leading in Defense Production in 2000
 in Millions of 2000 Dollars

| Ind # | Supplying Industry | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------|--|------|------|------|------|------|------|------|
| 230 | Electrical Machinery, Equipment and Supplies, n.e.c. | 659 | 629 | 633 | 636 | 637 | 635 | 635 |
| 197 | Industrial and Commercial Machinery, n.e.c. | 613 | 604 | 630 | 655 | 679 | 698 | 725 |
| 86 | Newspaper Publishing and Printing | 626 | 595 | 595 | 596 | 598 | 594 | 599 |
| 53 | Broadwoven Fabric Mills | 623 | 593 | 557 | 592 | 592 | 599 | 644 |
| 219 | Telephones, Switchboards, Modems, Faxes, Etc. | 573 | 572 | 630 | 669 | 704 | 736 | 769 |
| 169 | Construction Machinery and Equipment | 623 | 560 | 552 | 582 | 576 | 568 | 592 |
| 89 | Miscellaneous Publishing | 592 | 551 | 556 | 558 | 567 | 557 | 574 |
| 153 | Screw Machine Products, Bolts and Nuts | 553 | 549 | 577 | 600 | 622 | 637 | 660 |
| 81 | Paperboard Containers and Boxes | 529 | 522 | 541 | 555 | 575 | 593 | 626 |
| 145 | Nonferrous Castings and Forgings | 499 | 485 | 496 | 507 | 522 | 538 | 550 |
| 175 | Machine Tools, Metal Cutting Types | 481 | 468 | 455 | 420 | 386 | 367 | 366 |
| 61 | Miscellaneous Fabricated Textile Products | 469 | 463 | 466 | 495 | 524 | 544 | 599 |

Table 4.

Projected Defense and Defense-Related Civilian Employment by Occupational Category
 Rounded to Thousands of Workers

| Occupational Category | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Managerial and Administrative | 137 | 132 | 134 | 138 | 141 | 142 | 146 |
| Management Support | 156 | 150 | 148 | 148 | 148 | 149 | 150 |
| Engineers | 168 | 161 | 160 | 159 | 159 | 159 | 161 |
| Scientists | 245 | 238 | 240 | 242 | 245 | 248 | 253 |
| Technicians and Related Support | 111 | 106 | 107 | 107 | 109 | 110 | 113 |
| Marketing and Sales | 127 | 123 | 125 | 128 | 131 | 133 | 138 |
| Administrative Support (including Clerical) | 534 | 510 | 508 | 511 | 513 | 514 | 522 |
| Service | 274 | 265 | 265 | 269 | 272 | 275 | 281 |
| Agriculture, Forestry, Fishing and Related | 20 | 19 | 19 | 19 | 20 | 20 | 21 |
| Precision Production, Craft, and Repair | 474 | 450 | 454 | 461 | 467 | 471 | 478 |
| Operators, Fabricators, and Laborers | 438 | 419 | 421 | 433 | 441 | 446 | 458 |
| Total All Categories: | 2,685 | 2,573 | 2,582 | 2,616 | 2,647 | 2,669 | 2,720 |

Source: LDPEPS calculations
 Note: numbers may not add due to rounding

Table 5.
Projected Defense and Defense-Related Civilian Employment of Engineers and Scientists
 Rounded to Thousands of Workers

| Occupational Category | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|------------|------------|------------|------------|------------|------------|------------|
| Aeronautical and astronautical engineers | 16.5 | 15.7 | 15.6 | 15.4 | 15.3 | 15.3 | 15.3 |
| Chemical engineers | 2.8 | 2.7 | 2.7 | 2.7 | 2.6 | 2.7 | 2.7 |
| Civil engineers, including traffic engineers | 20.9 | 20.0 | 19.5 | 19.2 | 19.0 | 19.0 | 19.1 |
| Electrical and electronics engineers | 65.2 | 62.6 | 61.9 | 61.4 | 61.3 | 61.6 | 62.1 |
| Industrial engineers, except safety engineers | 11.4 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.6 |
| Mechanical engineers | 32.5 | 31.1 | 30.6 | 30.3 | 30.2 | 30.2 | 30.4 |
| Metallurgists and metallurgical, ceramic, and materials engineers | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| All other engineers | 17.8 | 17.1 | 17.4 | 17.6 | 18.0 | 18.2 | 18.5 |
| Total Engineers | 168.4 | 161.4 | 160.0 | 158.9 | 158.9 | 159.5 | 160.7 |
| Architects and surveyors | 3.4 | 3.3 | 3.2 | 3.2 | 3.1 | 3.1 | 3.2 |
| Life scientists | 1.9 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.8 |
| Computer systems analysts, engineers, and scientists | 105.9 | 104.0 | 105.5 | 107.4 | 109.6 | 112.0 | 114.9 |
| Mathematicians and other mathematical scientists | 3.4 | 3.2 | 3.1 | 3.1 | 3.0 | 3.0 | 3.1 |
| Operations research analysts | 8.0 | 7.7 | 7.5 | 7.4 | 7.3 | 7.3 | 7.3 |
| Chemists | 5.1 | 4.9 | 4.8 | 4.7 | 4.7 | 4.7 | 4.7 |
| Geologists, geophysicists, and oceanographers | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Physicists and astronomers | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| All other physical scientists | 5.4 | 5.2 | 5.0 | 4.9 | 4.9 | 4.9 | 4.9 |
| Social scientists | 4.2 | 4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| Total Scientists | 138.9 | 135.6 | 136.4 | 137.8 | 139.7 | 142.1 | 145.3 |
| Total Engineers and Scientists: | 307 | 297 | 296 | 297 | 299 | 302 | 306 |

Source: LDPEPS calculations
 Note: numbers may not add due to rounding

Table 6.
Projections of Total Direct Expenditures, by State
Rounded to Millions of 2000 dollars

| State | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Alabama | 5,952 | 5,800 | 5,762 | 5,787 | 5,793 | 5,802 | 5,868 |
| Alaska | 1,938 | 1,895 | 1,881 | 1,913 | 1,932 | 1,960 | 2,030 |
| Arizona | 5,435 | 5,344 | 5,450 | 5,544 | 5,638 | 5,713 | 5,811 |
| Arkansas | 1,219 | 1,200 | 1,189 | 1,195 | 1,199 | 1,205 | 1,228 |
| California | 42,249 | 41,181 | 41,681 | 42,370 | 43,191 | 43,725 | 44,834 |
| Colorado | 5,705 | 5,526 | 5,479 | 5,458 | 5,461 | 5,469 | 5,482 |
| Connecticut | 4,113 | 3,880 | 3,987 | 4,111 | 4,291 | 4,392 | 4,482 |
| Delaware | 1,178 | 1,155 | 1,167 | 1,182 | 1,194 | 1,205 | 1,227 |
| District of Columbia | 3,179 | 3,103 | 3,100 | 3,100 | 3,119 | 3,142 | 3,225 |
| Florida | 15,973 | 15,646 | 15,729 | 15,887 | 16,026 | 16,135 | 16,280 |
| Georgia | 10,739 | 10,439 | 10,359 | 10,396 | 10,448 | 10,503 | 10,594 |
| Hawaii | 4,075 | 3,993 | 3,932 | 3,960 | 3,962 | 3,982 | 4,062 |
| Idaho | 554 | 541 | 535 | 538 | 537 | 536 | 542 |
| Illinois | 4,344 | 4,242 | 4,222 | 4,280 | 4,310 | 4,339 | 4,448 |
| Indiana | 3,395 | 3,345 | 3,414 | 3,448 | 3,498 | 3,564 | 3,665 |
| Iowa | 980 | 960 | 983 | 1,007 | 1,025 | 1,043 | 1,058 |
| Kansas | 2,214 | 2,177 | 2,190 | 2,217 | 2,238 | 2,264 | 2,316 |
| Kentucky | 3,291 | 3,211 | 3,167 | 3,195 | 3,232 | 3,275 | 3,421 |
| Louisiana | 3,556 | 3,395 | 3,393 | 3,445 | 3,563 | 3,649 | 3,829 |
| Maine | 1,954 | 1,811 | 1,854 | 1,908 | 2,044 | 2,125 | 2,173 |
| Maryland | 11,075 | 10,840 | 10,911 | 11,069 | 11,233 | 11,358 | 11,614 |
| Massachusetts | 7,879 | 7,670 | 7,814 | 7,933 | 8,037 | 8,110 | 8,165 |
| Michigan | 2,359 | 2,323 | 2,362 | 2,402 | 2,423 | 2,439 | 2,491 |
| Minnesota | 2,013 | 1,950 | 1,998 | 2,036 | 2,087 | 2,113 | 2,159 |
| Mississippi | 4,011 | 3,767 | 3,838 | 3,944 | 4,164 | 4,294 | 4,369 |
| Missouri | 9,336 | 9,172 | 9,433 | 9,696 | 9,889 | 10,054 | 10,200 |
| Montana | 485 | 473 | 469 | 471 | 475 | 479 | 495 |
| Nebraska | 1,212 | 1,186 | 1,183 | 1,185 | 1,194 | 1,204 | 1,235 |
| Nevada | 1,232 | 1,211 | 1,205 | 1,209 | 1,208 | 1,208 | 1,218 |
| New Hampshire | 1,066 | 1,046 | 1,067 | 1,081 | 1,094 | 1,105 | 1,118 |
| New Jersey | 6,238 | 6,085 | 6,101 | 6,234 | 6,326 | 6,398 | 6,573 |
| New Mexico | 2,374 | 2,305 | 2,286 | 2,291 | 2,291 | 2,294 | 2,309 |
| New York | 7,556 | 7,435 | 7,547 | 7,710 | 7,850 | 7,982 | 8,182 |
| North Carolina | 7,892 | 7,738 | 7,595 | 7,717 | 7,737 | 7,794 | 7,997 |
| North Dakota | 697 | 683 | 675 | 682 | 681 | 685 | 696 |
| Ohio | 6,649 | 6,472 | 6,488 | 6,481 | 6,521 | 6,562 | 6,698 |
| Oklahoma | 3,717 | 3,642 | 3,613 | 3,615 | 3,630 | 3,655 | 3,736 |
| Oregon | 796 | 777 | 769 | 768 | 764 | 761 | 764 |
| Pennsylvania | 7,112 | 6,924 | 6,959 | 6,966 | 6,992 | 7,020 | 7,163 |
| Rhode Island | 1,046 | 1,018 | 1,013 | 1,019 | 1,017 | 1,016 | 1,027 |
| South Carolina | 3,997 | 3,920 | 3,915 | 3,954 | 3,985 | 4,013 | 4,082 |
| South Dakota | 419 | 410 | 407 | 410 | 410 | 411 | 417 |
| Tennessee | 3,869 | 3,809 | 3,743 | 3,825 | 3,847 | 3,883 | 3,993 |
| Texas | 21,409 | 20,906 | 21,008 | 21,226 | 21,530 | 21,805 | 22,418 |
| Utah | 1,831 | 1,787 | 1,774 | 1,765 | 1,762 | 1,762 | 1,778 |
| Vermont | 316 | 310 | 316 | 320 | 324 | 325 | 327 |
| Virginia | 30,143 | 29,246 | 29,400 | 29,650 | 30,103 | 30,430 | 30,993 |
| Washington | 8,324 | 8,138 | 8,135 | 8,190 | 8,277 | 8,355 | 8,547 |
| West Virginia | 490 | 474 | 468 | 474 | 472 | 470 | 475 |
| Wisconsin | 1,399 | 1,366 | 1,377 | 1,397 | 1,426 | 1,449 | 1,523 |
| Wyoming | 621 | 611 | 584 | 601 | 608 | 621 | 661 |
| U.S. Total | 279,603 | 272,536 | 273,929 | 277,263 | 281,057 | 284,084 | 289,998 |

Source: RDEPPS calculations

Table 7.
Projections of Total Direct Procurement and RDT&E Expenditures, by State
Rounded to Millions of 2000 dollars

| State | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Alabama | 1,558 | 1,479 | 1,481 | 1,482 | 1,477 | 1,461 | 1,433 |
| Alaska | 109 | 110 | 116 | 123 | 128 | 138 | 138 |
| Arizona | 2,257 | 2,227 | 2,330 | 2,423 | 2,504 | 2,562 | 2,596 |
| Arkansas | 89 | 91 | 97 | 100 | 105 | 109 | 111 |
| California | 17,506 | 17,028 | 17,579 | 18,220 | 18,855 | 19,171 | 19,462 |
| Colorado | 2,219 | 2,102 | 2,074 | 2,056 | 2,060 | 2,060 | 2,022 |
| Connecticut | 2,649 | 2,466 | 2,581 | 2,700 | 2,890 | 2,993 | 3,049 |
| Delaware | 596 | 582 | 603 | 611 | 622 | 631 | 640 |
| District of Columbia | 365 | 341 | 337 | 333 | 327 | 320 | 311 |
| Florida | 5,175 | 5,038 | 5,174 | 5,323 | 5,469 | 5,563 | 5,577 |
| Georgia | 3,790 | 3,618 | 3,638 | 3,666 | 3,729 | 3,766 | 3,742 |
| Hawaii | 147 | 138 | 138 | 138 | 139 | 139 | 138 |
| Idaho | 31 | 29 | 29 | 29 | 29 | 28 | 28 |
| Illinois | 758 | 749 | 791 | 827 | 866 | 887 | 910 |
| Indiana | 1,104 | 1,112 | 1,176 | 1,223 | 1,253 | 1,299 | 1,319 |
| Iowa | 462 | 460 | 486 | 508 | 534 | 555 | 563 |
| Kansas | 314 | 312 | 330 | 345 | 358 | 369 | 376 |
| Kentucky | 120 | 117 | 122 | 126 | 129 | 132 | 133 |
| Louisiana | 643 | 573 | 605 | 637 | 711 | 753 | 769 |
| Maine | 1,090 | 964 | 1,024 | 1,082 | 1,220 | 1,299 | 1,329 |
| Maryland | 2,894 | 2,802 | 2,902 | 2,996 | 3,102 | 3,151 | 3,153 |
| Massachusetts | 5,077 | 4,921 | 5,024 | 5,124 | 5,200 | 5,246 | 5,212 |
| Michigan | 732 | 735 | 787 | 826 | 849 | 863 | 880 |
| Minnesota | 945 | 912 | 950 | 985 | 1,026 | 1,042 | 1,045 |
| Mississippi | 1,867 | 1,661 | 1,760 | 1,858 | 2,082 | 2,210 | 2,258 |
| Missouri | 6,276 | 6,188 | 6,468 | 6,728 | 6,930 | 7,093 | 7,189 |
| Montana | 13 | 12 | 12 | 13 | 13 | 13 | 13 |
| Nebraska | 70 | 67 | 68 | 69 | 70 | 70 | 70 |
| Nevada | 36 | 35 | 36 | 36 | 37 | 37 | 37 |
| New Hampshire | 486 | 477 | 491 | 502 | 511 | 519 | 520 |
| New Jersey | 1,718 | 1,679 | 1,737 | 1,818 | 1,881 | 1,911 | 1,912 |
| New Mexico | 509 | 476 | 479 | 482 | 485 | 485 | 476 |
| New York | 2,892 | 2,865 | 2,986 | 3,098 | 3,204 | 3,288 | 3,316 |
| North Carolina | 631 | 614 | 648 | 675 | 694 | 707 | 715 |
| North Dakota | 18 | 17 | 18 | 18 | 18 | 19 | 19 |
| Ohio | 1,853 | 1,784 | 1,817 | 1,845 | 1,869 | 1,880 | 1,873 |
| Oklahoma | 286 | 277 | 288 | 299 | 307 | 313 | 317 |
| Oregon | 65 | 62 | 64 | 65 | 67 | 67 | 68 |
| Pennsylvania | 1,683 | 1,627 | 1,669 | 1,699 | 1,722 | 1,733 | 1,730 |
| Rhode Island | 187 | 181 | 184 | 188 | 192 | 193 | 192 |
| South Carolina | 461 | 452 | 481 | 506 | 536 | 555 | 565 |
| South Dakota | 10 | 9 | 9 | 10 | 10 | 10 | 10 |
| Tennessee | 476 | 448 | 443 | 437 | 429 | 418 | 404 |
| Texas | 5,960 | 5,794 | 5,991 | 6,180 | 6,337 | 6,437 | 6,457 |
| Utah | 322 | 308 | 312 | 317 | 320 | 320 | 317 |
| Vermont | 139 | 136 | 141 | 146 | 150 | 152 | 152 |
| Virginia | 6,649 | 6,146 | 6,298 | 6,460 | 6,781 | 6,929 | 6,926 |
| Washington | 1,852 | 1,811 | 1,869 | 1,929 | 1,987 | 2,022 | 2,029 |
| West Virginia | 24 | 22 | 22 | 21 | 21 | 20 | 20 |
| Wisconsin | 168 | 166 | 177 | 187 | 199 | 205 | 213 |
| Wyoming | 17 | 17 | 17 | 18 | 18 | 18 | 19 |
| U.S. Total | 85,298 | 82,235 | 84,859 | 87,484 | 90,455 | 92,160 | 92,756 |

Source: RDEPPS calculations

Table 8.
Projections of Total Direct Expenditures Excluding Procurement and RDT&E, by State
Rounded to Millions of 2000 dollars

| State | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Alabama | 4,395 | 4,321 | 4,281 | 4,306 | 4,316 | 4,340 | 4,435 |
| Alaska | 1,828 | 1,785 | 1,765 | 1,790 | 1,804 | 1,822 | 1,891 |
| Arizona | 3,178 | 3,117 | 3,120 | 3,121 | 3,134 | 3,151 | 3,215 |
| Arkansas | 1,130 | 1,109 | 1,092 | 1,095 | 1,094 | 1,096 | 1,116 |
| California | 24,743 | 24,153 | 24,102 | 24,151 | 24,337 | 24,554 | 25,371 |
| Colorado | 3,487 | 3,423 | 3,405 | 3,402 | 3,400 | 3,409 | 3,460 |
| Connecticut | 1,464 | 1,414 | 1,406 | 1,412 | 1,401 | 1,399 | 1,433 |
| Delaware | 582 | 573 | 565 | 571 | 571 | 575 | 587 |
| District of Columbia | 2,814 | 2,762 | 2,763 | 2,768 | 2,792 | 2,822 | 2,914 |
| Florida | 10,798 | 10,608 | 10,555 | 10,564 | 10,556 | 10,572 | 10,703 |
| Georgia | 6,949 | 6,821 | 6,722 | 6,730 | 6,718 | 6,738 | 6,852 |
| Hawaii | 3,928 | 3,855 | 3,794 | 3,821 | 3,824 | 3,842 | 3,924 |
| Idaho | 524 | 512 | 506 | 509 | 508 | 508 | 515 |
| Illinois | 3,586 | 3,493 | 3,431 | 3,453 | 3,443 | 3,452 | 3,538 |
| Indiana | 2,290 | 2,233 | 2,238 | 2,226 | 2,244 | 2,265 | 2,346 |
| Iowa | 518 | 500 | 497 | 498 | 492 | 488 | 495 |
| Kansas | 1,900 | 1,864 | 1,860 | 1,871 | 1,881 | 1,895 | 1,940 |
| Kentucky | 3,170 | 3,094 | 3,045 | 3,069 | 3,102 | 3,144 | 3,288 |
| Louisiana | 2,913 | 2,822 | 2,787 | 2,808 | 2,852 | 2,896 | 3,060 |
| Maine | 864 | 847 | 830 | 826 | 824 | 826 | 844 |
| Maryland | 8,181 | 8,038 | 8,009 | 8,074 | 8,131 | 8,208 | 8,461 |
| Massachusetts | 2,802 | 2,749 | 2,791 | 2,809 | 2,836 | 2,865 | 2,953 |
| Michigan | 1,627 | 1,588 | 1,575 | 1,576 | 1,574 | 1,576 | 1,611 |
| Minnesota | 1,068 | 1,039 | 1,048 | 1,051 | 1,061 | 1,071 | 1,115 |
| Mississippi | 2,144 | 2,106 | 2,078 | 2,087 | 2,082 | 2,084 | 2,110 |
| Missouri | 3,059 | 2,984 | 2,965 | 2,968 | 2,960 | 2,961 | 3,010 |
| Montana | 472 | 461 | 457 | 458 | 462 | 466 | 482 |
| Nebraska | 1,142 | 1,119 | 1,115 | 1,117 | 1,124 | 1,134 | 1,165 |
| Nevada | 1,196 | 1,176 | 1,170 | 1,173 | 1,171 | 1,170 | 1,180 |
| New Hampshire | 580 | 568 | 576 | 579 | 583 | 586 | 598 |
| New Jersey | 4,520 | 4,406 | 4,364 | 4,416 | 4,445 | 4,487 | 4,661 |
| New Mexico | 1,865 | 1,828 | 1,807 | 1,809 | 1,806 | 1,809 | 1,833 |
| New York | 4,664 | 4,570 | 4,561 | 4,612 | 4,645 | 4,694 | 4,866 |
| North Carolina | 7,261 | 7,125 | 6,947 | 7,042 | 7,044 | 7,087 | 7,282 |
| North Dakota | 679 | 665 | 657 | 664 | 663 | 666 | 677 |
| Ohio | 4,796 | 4,688 | 4,671 | 4,636 | 4,652 | 4,682 | 4,825 |
| Oklahoma | 3,431 | 3,364 | 3,326 | 3,316 | 3,323 | 3,342 | 3,419 |
| Oregon | 732 | 715 | 705 | 703 | 697 | 693 | 697 |
| Pennsylvania | 5,429 | 5,296 | 5,290 | 5,267 | 5,270 | 5,287 | 5,433 |
| Rhode Island | 859 | 837 | 829 | 830 | 825 | 823 | 834 |
| South Carolina | 3,536 | 3,469 | 3,434 | 3,448 | 3,448 | 3,458 | 3,517 |
| South Dakota | 409 | 401 | 398 | 400 | 400 | 401 | 407 |
| Tennessee | 3,393 | 3,361 | 3,300 | 3,388 | 3,418 | 3,465 | 3,589 |
| Texas | 15,449 | 15,113 | 15,016 | 15,046 | 15,193 | 15,368 | 15,961 |
| Utah | 1,510 | 1,480 | 1,463 | 1,448 | 1,442 | 1,442 | 1,461 |
| Vermont | 177 | 173 | 175 | 174 | 174 | 173 | 175 |
| Virginia | 23,494 | 23,099 | 23,103 | 23,190 | 23,323 | 23,502 | 24,067 |
| Washington | 6,472 | 6,327 | 6,266 | 6,261 | 6,290 | 6,333 | 6,519 |
| West Virginia | 466 | 452 | 447 | 453 | 451 | 450 | 455 |
| Wisconsin | 1,231 | 1,200 | 1,200 | 1,210 | 1,227 | 1,244 | 1,310 |
| Wyoming | 603 | 594 | 567 | 583 | 590 | 603 | 642 |
| U.S. Total | 194,305 | 190,301 | 189,070 | 189,779 | 190,603 | 191,923 | 197,242 |

Source: RDEPPS calculations

Table 9.
Projections of Indirect Defense Purchases Resulting from Direct Purchases, by
Rounded to Millions of 2000 dollars

| State | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Alabama | 2,746 | 2,687 | 2,754 | 2,840 | 2,927 | 2,993 | 3,104 |
| Alaska | 1,305 | 1,266 | 1,284 | 1,336 | 1,379 | 1,411 | 1,485 |
| Arizona | 2,156 | 2,135 | 2,218 | 2,314 | 2,406 | 2,487 | 2,591 |
| Arkansas | 928 | 909 | 936 | 970 | 1,008 | 1,039 | 1,094 |
| California | 17,207 | 16,893 | 17,403 | 17,996 | 18,625 | 19,154 | 19,974 |
| Colorado | 1,987 | 1,945 | 2,003 | 2,070 | 2,143 | 2,205 | 2,309 |
| Connecticut | 1,680 | 1,648 | 1,697 | 1,753 | 1,810 | 1,859 | 1,924 |
| Delaware | 344 | 337 | 347 | 359 | 373 | 385 | 407 |
| District of Columbia | 732 | 719 | 747 | 769 | 793 | 813 | 845 |
| Florida | 5,064 | 5,014 | 5,200 | 5,428 | 5,651 | 5,842 | 6,111 |
| Georgia | 3,932 | 3,848 | 3,944 | 4,083 | 4,232 | 4,366 | 4,575 |
| Hawaii | 690 | 678 | 698 | 726 | 750 | 770 | 806 |
| Idaho | 464 | 464 | 485 | 508 | 530 | 549 | 575 |
| Illinois | 4,930 | 4,801 | 4,914 | 5,073 | 5,247 | 5,386 | 5,642 |
| Indiana | 3,031 | 2,968 | 3,068 | 3,181 | 3,303 | 3,396 | 3,547 |
| Iowa | 898 | 879 | 916 | 954 | 993 | 1,024 | 1,073 |
| Kansas | 1,250 | 1,224 | 1,259 | 1,303 | 1,357 | 1,404 | 1,484 |
| Kentucky | 1,613 | 1,580 | 1,628 | 1,686 | 1,751 | 1,801 | 1,892 |
| Louisiana | 2,177 | 2,111 | 2,146 | 2,202 | 2,310 | 2,402 | 2,624 |
| Maine | 376 | 370 | 379 | 394 | 408 | 420 | 438 |
| Maryland | 4,189 | 4,116 | 4,209 | 4,376 | 4,526 | 4,650 | 4,863 |
| Massachusetts | 4,573 | 4,473 | 4,581 | 4,721 | 4,854 | 4,953 | 5,092 |
| Michigan | 3,276 | 3,218 | 3,327 | 3,450 | 3,589 | 3,688 | 3,862 |
| Minnesota | 2,094 | 2,052 | 2,112 | 2,185 | 2,263 | 2,323 | 2,424 |
| Mississippi | 966 | 943 | 968 | 1,000 | 1,040 | 1,072 | 1,134 |
| Missouri | 3,080 | 3,026 | 3,115 | 3,217 | 3,322 | 3,403 | 3,524 |
| Montana | 232 | 227 | 232 | 240 | 249 | 257 | 272 |
| Nebraska | 665 | 653 | 674 | 698 | 725 | 747 | 785 |
| Nevada | 436 | 432 | 447 | 464 | 482 | 498 | 524 |
| New Hampshire | 528 | 520 | 538 | 558 | 578 | 595 | 619 |
| New Jersey | 4,220 | 4,148 | 4,288 | 4,456 | 4,630 | 4,768 | 4,990 |
| New Mexico | 1,082 | 1,057 | 1,079 | 1,111 | 1,151 | 1,184 | 1,241 |
| New York | 6,035 | 5,920 | 6,079 | 6,283 | 6,491 | 6,659 | 6,930 |
| North Carolina | 2,974 | 2,929 | 3,009 | 3,134 | 3,255 | 3,355 | 3,523 |
| North Dakota | 255 | 249 | 255 | 263 | 274 | 282 | 298 |
| Ohio | 5,959 | 5,821 | 5,998 | 6,179 | 6,393 | 6,557 | 6,833 |
| Oklahoma | 1,720 | 1,675 | 1,717 | 1,768 | 1,848 | 1,914 | 2,054 |
| Oregon | 1,170 | 1,161 | 1,209 | 1,265 | 1,320 | 1,368 | 1,437 |
| Pennsylvania | 5,708 | 5,588 | 5,758 | 5,928 | 6,137 | 6,306 | 6,589 |
| Rhode Island | 418 | 412 | 426 | 442 | 458 | 471 | 491 |
| South Carolina | 1,651 | 1,622 | 1,671 | 1,740 | 1,806 | 1,859 | 1,951 |
| South Dakota | 244 | 241 | 250 | 262 | 273 | 282 | 295 |
| Tennessee | 2,234 | 2,189 | 2,243 | 2,324 | 2,404 | 2,464 | 2,570 |
| Texas | 12,201 | 11,942 | 12,251 | 12,654 | 13,186 | 13,636 | 14,497 |
| Utah | 1,104 | 1,080 | 1,109 | 1,153 | 1,194 | 1,229 | 1,285 |
| Vermont | 306 | 307 | 321 | 334 | 348 | 361 | 376 |
| Virginia | 8,514 | 8,411 | 8,727 | 9,053 | 9,382 | 9,657 | 10,101 |
| Washington | 3,445 | 3,392 | 3,503 | 3,643 | 3,786 | 3,915 | 4,087 |
| West Virginia | 628 | 612 | 630 | 649 | 672 | 690 | 722 |
| Wisconsin | 2,493 | 2,439 | 2,499 | 2,583 | 2,673 | 2,742 | 2,866 |
| Wyoming | 248 | 240 | 245 | 251 | 263 | 274 | 299 |
| U.S. Total | 136,161 | 133,571 | 137,493 | 142,328 | 147,568 | 151,863 | 159,035 |

Source: RDEPPS calculations

Table 10.
Projections of Indirect Defense Purchases Resulting from Direct Pay, by State
Rounded to Millions of 2000 dollars

| State | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Alabama | 1,298 | 1,263 | 1,230 | 1,214 | 1,202 | 1,198 | 1,206 |
| Alaska | 418 | 407 | 397 | 392 | 388 | 387 | 389 |
| Arizona | 1,347 | 1,319 | 1,288 | 1,274 | 1,264 | 1,263 | 1,274 |
| Arkansas | 544 | 528 | 513 | 505 | 498 | 495 | 496 |
| California | 8,503 | 8,289 | 8,073 | 7,970 | 7,889 | 7,867 | 7,915 |
| Colorado | 1,419 | 1,384 | 1,346 | 1,327 | 1,313 | 1,309 | 1,317 |
| Connecticut | 654 | 637 | 617 | 608 | 600 | 596 | 597 |
| Delaware | 230 | 224 | 219 | 216 | 213 | 213 | 214 |
| District of Columbia | 655 | 637 | 619 | 610 | 603 | 601 | 603 |
| Florida | 4,862 | 4,756 | 4,643 | 4,596 | 4,560 | 4,556 | 4,592 |
| Georgia | 2,662 | 2,600 | 2,538 | 2,511 | 2,490 | 2,487 | 2,506 |
| Hawaii | 1,158 | 1,129 | 1,101 | 1,088 | 1,078 | 1,077 | 1,085 |
| Idaho | 274 | 268 | 262 | 259 | 257 | 258 | 260 |
| Illinois | 2,316 | 2,256 | 2,191 | 2,160 | 2,134 | 2,124 | 2,132 |
| Indiana | 1,168 | 1,145 | 1,118 | 1,107 | 1,100 | 1,100 | 1,109 |
| Iowa | 455 | 443 | 429 | 422 | 416 | 412 | 413 |
| Kansas | 739 | 719 | 700 | 691 | 683 | 680 | 683 |
| Kentucky | 1,126 | 1,098 | 1,070 | 1,057 | 1,047 | 1,045 | 1,051 |
| Louisiana | 1,026 | 1,001 | 974 | 962 | 951 | 948 | 952 |
| Maine | 372 | 364 | 355 | 351 | 349 | 348 | 351 |
| Maryland | 1,978 | 1,930 | 1,882 | 1,861 | 1,845 | 1,842 | 1,856 |
| Massachusetts | 1,176 | 1,144 | 1,108 | 1,090 | 1,073 | 1,065 | 1,065 |
| Michigan | 1,443 | 1,408 | 1,365 | 1,343 | 1,323 | 1,312 | 1,314 |
| Minnesota | 855 | 841 | 821 | 816 | 813 | 815 | 824 |
| Mississippi | 743 | 723 | 703 | 693 | 685 | 682 | 685 |
| Missouri | 1,359 | 1,326 | 1,291 | 1,275 | 1,262 | 1,259 | 1,265 |
| Montana | 231 | 224 | 218 | 215 | 212 | 211 | 211 |
| Nebraska | 501 | 489 | 476 | 470 | 465 | 464 | 467 |
| Nevada | 821 | 808 | 788 | 781 | 776 | 776 | 781 |
| New Hampshire | 256 | 250 | 243 | 240 | 237 | 236 | 237 |
| New Jersey | 1,582 | 1,541 | 1,495 | 1,473 | 1,455 | 1,448 | 1,453 |
| New Mexico | 678 | 661 | 644 | 637 | 632 | 632 | 636 |
| New York | 2,747 | 2,665 | 2,571 | 2,520 | 2,475 | 2,448 | 2,443 |
| North Carolina | 2,577 | 2,517 | 2,459 | 2,435 | 2,418 | 2,417 | 2,438 |
| North Dakota | 267 | 261 | 254 | 251 | 249 | 248 | 250 |
| Ohio | 2,326 | 2,265 | 2,200 | 2,167 | 2,140 | 2,128 | 2,134 |
| Oklahoma | 1,226 | 1,194 | 1,164 | 1,149 | 1,138 | 1,135 | 1,142 |
| Oregon | 616 | 601 | 585 | 579 | 573 | 572 | 574 |
| Pennsylvania | 2,376 | 2,318 | 2,253 | 2,223 | 2,198 | 2,189 | 2,197 |
| Rhode Island | 298 | 291 | 283 | 280 | 277 | 277 | 279 |
| South Carolina | 1,334 | 1,302 | 1,270 | 1,256 | 1,245 | 1,244 | 1,253 |
| South Dakota | 197 | 192 | 187 | 185 | 183 | 182 | 183 |
| Tennessee | 1,081 | 1,057 | 1,030 | 1,018 | 1,009 | 1,006 | 1,013 |
| Texas | 5,647 | 5,512 | 5,373 | 5,308 | 5,261 | 5,255 | 5,295 |
| Utah | 618 | 603 | 587 | 580 | 574 | 572 | 575 |
| Vermont | 124 | 122 | 118 | 117 | 116 | 116 | 117 |
| Virginia | 5,440 | 5,302 | 5,177 | 5,119 | 5,076 | 5,070 | 5,110 |
| Washington | 2,186 | 2,132 | 2,080 | 2,056 | 2,038 | 2,034 | 2,048 |
| West Virginia | 291 | 283 | 275 | 271 | 267 | 266 | 267 |
| Wisconsin | 845 | 830 | 809 | 800 | 794 | 793 | 799 |
| Wyoming | 162 | 158 | 154 | 152 | 150 | 150 | 151 |
| U.S. Total | 73,209 | 71,416 | 69,546 | 68,679 | 67,995 | 67,805 | 68,206 |

Source: RDEPPS calculations

SECTION II: PROJECTIONS FOR SELECTED INDUSTRIES, IDEPPS

The tables in this section show projected defense and defense-related purchases from the 50 manufacturing industries expected to lead in defense production in calendar year 2000. A separate table is provided for each industry.

The upper portion of each table provides projections of direct and indirect defense purchases for calendar years 1999 through 2005. The lower portion of the table shows the indirect defense purchases estimated to result from DoD purchases from each of eleven industrial groupings.

The model produces projections for 320 industries; estimates for 50 of these industries are presented in this report. Those industries are grouped into 85 sectors in the state-level tables presented in Section III. Thus, industrial sector 44, "Aerospace," appearing in the state-level tables, includes four industries: industry 235, "Aircraft"; industry 236, "Aircraft and Missile Engines, Propulsion Units, and Parts"; industry 237, "Aircraft and Missile Parts and Auxiliary Equipment, n.e.c."; and industry 21, "Guided Missiles and Space Vehicles." A crosswalk between the industries cited in Section II and the industrial sectors addressed in Section III is provided in the appendix. (The appendix also contains a crosswalk to four-digit SIC codes.)

In addition, tables showing sources of defense purchases are provided for the 10 industries leading in defense production in 2000.

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**Projected Defense Purchases of
Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 9,696 | 9,113 | 9,762 | 10,417 | 11,213 | 11,908 | 12,103 |
| Indirect Purchases | 2,518 | 2,451 | 2,538 | 2,634 | 2,735 | 2,843 | 2,915 |
| Total : | 12,214 | 11,564 | 12,299 | 13,051 | 13,948 | 14,751 | 15,018 |
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 449 | 431 | 425 | 420 | 423 | 433 | 439 |
| Aircraft Parts | 497 | 467 | 491 | 528 | 564 | 598 | 617 |
| Ammunition | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Communication Equipment | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Missiles | 759 | 736 | 773 | 796 | 833 | 845 | 867 |
| Motor Vehicles | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Shipbuilding | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Other Ordnances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 809 | 812 | 844 | 885 | 910 | 960 | 986 |
| Total : | 2,518 | 2,451 | 2,538 | 2,634 | 2,735 | 2,843 | 2,915 |

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Aircraft and Missile Parts and Auxiliary Equipment, n.e.c.
 Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Military Personnel | | | | | | | |
| Operations & Maintenance * | 42 | 42 | 36 | 39 | 39 | 41 | 46 |
| | 2,166 | 2,156 | 2,329 | 2,371 | 2,461 | 2,547 | 2,672 |
| Aircraft | | | | | | | |
| Missiles | 5,868 | 5,341 | 5,707 | 6,196 | 6,847 | 7,456 | 7,521 |
| Missiles | 505 | 489 | 536 | 603 | 651 | 689 | 702 |
| Weapons and Tracked Vehicles | 3 | 2 | 2 | 2 | 3 | 3 | 4 |
| Shipbuilding | 10 | 8 | 9 | 12 | 14 | 14 | 14 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 1,876 | 1,886 | 2,070 | 2,231 | 2,356 | 2,444 | 2,540 |
| Total Procurement | 8,262 | 7,726 | 8,325 | 9,045 | 9,871 | 10,606 | 10,780 |
| RDT&E | | | | | | | |
| Military Construction | 1,649 | 1,559 | 1,535 | 1,517 | 1,507 | 1,491 | 1,456 |
| Family Housing | 78 | 64 | 57 | 60 | 52 | 46 | 46 |
| Total : | 12,214 | 11,564 | 12,299 | 13,051 | 13,948 | 14,751 | 15,018 |

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Aircraft**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Direct Purchases | 9,366 | 9,905 | 10,410 | 10,739 | 10,765 | 10,766 | 10,962 |
| Indirect Purchases | 71 | 67 | 71 | 76 | 81 | 85 | 87 |
| Total : | 9,436 | 9,972 | 10,481 | 10,814 | 10,846 | 10,851 | 11,049 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aircraft Engines | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Aircraft Parts | 47 | 44 | 47 | 51 | 54 | 58 | 59 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Communication Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missiles | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Motor Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 19 | 18 | 19 | 20 | 21 | 22 | 23 |
| Total : | 71 | 67 | 71 | 76 | 81 | 85 | 87 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases

Aircraft

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Military Personnel Operations & Maintenance * | 0 492 | 0 479 | 0 520 | 0 533 | -1 560 | -1 584 | -1 620 |
| Aircraft | 7,560 | 8,182 | 8,668 | 8,990 | 8,991 | 8,975 | 9,154 |
| Missiles | 27 | 26 | 31 | 34 | 37 | 41 | 44 |
| Weapons and Tracked Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 70 | 72 | 78 | 83 | 94 | 107 | 113 |
| Total Procurement | 7,658 | 8,281 | 8,776 | 9,107 | 9,123 | 9,123 | 9,311 |
| RDT&E | 1,280 | 1,206 | 1,180 | 1,169 | 1,159 | 1,142 | 1,114 |
| Military Construction | 6 | 5 | 5 | 5 | 4 | 4 | 3 |
| Family Housing | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total : | 9,436 | 9,972 | 10,481 | 10,814 | 10,846 | 10,851 | 11,049 |

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Shipbuilding and Repairing**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
| Direct Purchases | 8,641 | 7,678 | 8,131 | 8,562 | 9,577 | 10,142 | 10,360 |
| Indirect Purchases | 65 | 62 | 61 | 64 | 67 | 69 | 72 |
| Total : | 8,706 | 7,739 | 8,192 | 8,626 | 9,644 | 10,211 | 10,432 |

SUMMARY OF DEFENSE PURCHASES

| | | | | | | | |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aircraft Engines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aircraft Parts | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Communication Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missiles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 20 | 17 | 18 | 19 | 22 | 23 | 24 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordnances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 45 | 44 | 42 | 44 | 45 | 46 | 48 |
| Total : | 65 | 62 | 61 | 64 | 67 | 69 | 72 |

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Shipbuilding and Repairing
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
| Military Personnel Operations & Maintenance * | 18 662 | 18 633 | 15 664 | 17 665 | 17 674 | 17 671 | 20 680 |
| Aircraft | 225 | 358 | 438 | 572 | 730 | 648 | 572 |
| Missiles | 26 | 23 | 28 | 28 | 31 | 33 | 33 |
| Weapons and Tracked Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 7,357 | 6,315 | 6,663 | 6,957 | 7,811 | 8,471 | 8,767 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Total Procurement | 7,609 | 6,697 | 7,130 | 7,558 | 8,573 | 9,153 | 9,373 |
| RDT&E | 406 | 382 | 375 | 376 | 371 | 360 | 351 |
| Military Construction | 3 | 3 | 3 | 5 | 5 | 4 | 4 |
| Family Housing | 6 | 6 | 5 | 5 | 5 | 5 | 5 |
| Total : | 8,706 | 7,739 | 8,192 | 8,626 | 9,644 | 10,211 | 10,432 |

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Aircraft and Missile Engines, Propulsion Units and Parts**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 5,003 | 4,750 | 4,641 | 4,537 | 4,533 | 4,597 | 4,619 |
| Indirect Purchases | 2,916 | 2,870 | 2,933 | 3,018 | 3,102 | 3,224 | 3,311 |
| Total : | 7,919 | 7,619 | 7,573 | 7,555 | 7,635 | 7,821 | 7,930 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Aircraft Engines | 941 | 894 | 875 | 856 | 857 | 870 | 875 |
| Aircraft Parts | 92 | 88 | 96 | 104 | 114 | 123 | 127 |
| Ammunition | 3 | 3 | 3 | 4 | 4 | 4 | 5 |
| Communication Equipment | 7 | 7 | 8 | 8 | 9 | 10 | 10 |
| Missiles | 330 | 322 | 340 | 352 | 370 | 377 | 389 |
| Motor Vehicles | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| Shipbuilding | 2 | 2 | 2 | 3 | 3 | 3 | 4 |
| Tanks | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Other Electronic Equipment | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 1,536 | 1,547 | 1,603 | 1,685 | 1,739 | 1,830 | 1,895 |
| Total : | 2,916 | 2,870 | 2,933 | 3,018 | 3,102 | 3,224 | 3,311 |

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Aircraft and Missile Engines, Propulsion Units and Parts
 Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Military Personnel Operations & Maintenance * | 166 710 | 167 696 | 150 745 | 165 760 | 169 800 | 177 834 | 196 901 |
| Aircraft | 1,727 221 | 1,716 194 | 1,726 204 | 1,697 251 | 1,682 288 | 1,777 314 | 1,870 319 |
| Missiles | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| Weapons and Tracked Vehicles | 4 | 3 | 3 | 3 | 4 | 4 | 4 |
| Shipbuilding | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ammunition | 235 | 241 | 261 | 283 | 288 | 307 | 311 |
| Other | 2,189 | 2,156 | 2,197 | 2,238 | 2,264 | 2,405 | 2,508 |
| Total Procurement | | | | | | | |
| RDT&E | 4,840 11 | 4,589 9 | 4,471 8 | 4,381 9 | 4,391 8 | 4,397 7 | 4,317 7 |
| Military Construction | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Family Housing | | | | | | | |
| Total : | 7,919 | 7,619 | 7,573 | 7,555 | 7,635 | 7,821 | 7,930 |

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Radio and TV Broadcasting and Communication Equipment**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 6,334 | 6,297 | 6,554 | 6,719 | 6,923 | 7,217 | 7,312 |
| Indirect Purchases | 890 | 903 | 947 | 980 | 1,008 | 1,028 | 1,055 |
| Total: | 7,224 | 7,200 | 7,502 | 7,700 | 7,931 | 8,245 | 8,366 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|--------------|--------------|--------------|
| Aircraft Engines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aircraft Parts | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Communication Equipment | 497 | 517 | 542 | 560 | 568 | 574 | 588 |
| Missiles | 321 | 313 | 330 | 341 | 358 | 364 | 375 |
| Motor Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 16 | 15 | 16 | 17 | 19 | 20 | 21 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Other Ordnances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 49 | 51 | 52 | 56 | 55 | 61 | 62 |
| Total: | 890 | 903 | 947 | 980 | 1,008 | 1,028 | 1,055 |

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Radio and TV Broadcasting and Communication Equipment
 Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Military Personnel Operations & Maintenance * | 1,839 | 1,843 | 1,986 | 2,035 | 2,094 | 2,143 | 2,207 |
| Aircraft | 614 | 616 | 610 | 620 | 598 | 547 | 550 |
| Missiles | 83 | 81 | 86 | 99 | 108 | 117 | 121 |
| Weapons and Tracked Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 25 | 21 | 20 | 22 | 24 | 20 | 21 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 2,744 | 2,832 | 3,036 | 3,190 | 3,379 | 3,698 | 3,783 |
| Total Procurement | 3,466 | 3,550 | 3,753 | 3,932 | 4,110 | 4,382 | 4,475 |
| RDT&E | 1,886 | 1,778 | 1,737 | 1,705 | 1,701 | 1,696 | 1,659 |
| Military Construction | 20 | 17 | 15 | 16 | 15 | 14 | 14 |
| Family Housing | 11 | 10 | 10 | 12 | 12 | 12 | 12 |
| Total : | 7,224 | 7,200 | 7,502 | 7,700 | 7,931 | 8,245 | 8,366 |

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Guided Missiles and Space Vehicles**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 5,353 | 5,114 | 5,282 | 5,434 | 5,630 | 5,690 | 5,839 |
| Indirect Purchases | 179 | 171 | 178 | 183 | 190 | 193 | 196 |
| Total : | 5,532 | 5,285 | 5,460 | 5,617 | 5,820 | 5,882 | 6,035 |

SUMMARY OF DEFENSE PURCHASES

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Aircraft Parts | 18 | 17 | 18 | 19 | 21 | 22 | 22 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Communication Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missiles | 158 | 152 | 158 | 161 | 167 | 168 | 171 |
| Motor Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Total : | 179 | 171 | 178 | 183 | 190 | 193 | 196 |

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Guided Missiles and Space Vehicles
 Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Military Personnel Operations & Maintenance * | 0 700 | 0 688 | 0 717 | 0 705 | 0 693 | 0 683 | 0 688 |
| Aircraft | 43 | 50 | 57 | 64 | 73 | 75 | 73 |
| Missiles | 922 | 878 | 913 | 1,017 | 1,081 | 1,148 | 1,201 |
| Weapons and Tracked Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 11 | 9 | 8 | 10 | 10 | 6 | 6 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 1,317 | 1,282 | 1,437 | 1,534 | 1,692 | 1,710 | 1,862 |
| Total Procurement | 2,293 | 2,218 | 2,415 | 2,624 | 2,855 | 2,940 | 3,143 |
| RDT&E | 2,538 | 2,377 | 2,328 | 2,286 | 2,271 | 2,259 | 2,203 |
| Military Construction | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Family Housing | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total : | 5,532 | 5,285 | 5,460 | 5,617 | 5,820 | 5,882 | 6,035 |

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note. Numbers may not add due to rounding

**Projected Defense Purchases of
Petroleum Refining, Except Fuel Oil**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 2,034 | 1,892 | 1,897 | 1,881 | 2,083 | 2,259 | 2,774 |
| Indirect Purchases | 3,399 | 3,256 | 3,263 | 3,312 | 3,522 | 3,711 | 4,226 |
| Total : | 5,433 | 5,148 | 5,160 | 5,193 | 5,605 | 5,970 | 7,000 |
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 45 | 43 | 42 | 41 | 41 | 42 | 43 |
| Aircraft Parts | 65 | 62 | 66 | 71 | 77 | 82 | 84 |
| Ammunition | 47 | 46 | 49 | 53 | 56 | 58 | 59 |
| Communication Equipment | 67 | 68 | 71 | 75 | 78 | 82 | 84 |
| Missiles | 17 | 16 | 17 | 18 | 19 | 19 | 20 |
| Motor Vehicles | 31 | 31 | 33 | 36 | 40 | 41 | 44 |
| Shipbuilding | 70 | 62 | 66 | 69 | 77 | 82 | 83 |
| Tanks | 3 | 3 | 3 | 4 | 4 | 3 | 3 |
| Other Electronic Equipment | 26 | 25 | 26 | 27 | 27 | 27 | 28 |
| Other Ordnances | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Other | 3,025 | 2,897 | 2,886 | 2,916 | 3,100 | 3,272 | 3,776 |
| Total : | 3,399 | 3,256 | 3,263 | 3,312 | 3,522 | 3,711 | 4,226 |

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Petroleum Refining, Except Fuel Oil
 Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Military Personnel Operations & Maintenance * | 702 | 691 | 597 | 637 | 634 | 653 | 718 |
| 4,143 | 3,887 | 3,978 | 3,950 | 4,349 | 4,686 | 5,646 | |
| Aircraft | 120 | 122 | 130 | 138 | 145 | 148 | 151 |
| Missiles | 12 | 12 | 13 | 15 | 16 | 17 | 18 |
| Weapons and Tracked Vehicles | 14 | 12 | 12 | 13 | 13 | 15 | 17 |
| Shipbuilding | 38 | 33 | 34 | 36 | 40 | 41 | 42 |
| Ammunition | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other | 112 | 117 | 128 | 136 | 144 | 151 | 156 |
| Total Procurement | 298 | 298 | 319 | 339 | 360 | 375 | 386 |
| RDT&E | 249 | 236 | 234 | 231 | 229 | 225 | 219 |
| Military Construction | 26 | 22 | 20 | 22 | 19 | 17 | 17 |
| Family Housing | 15 | 14 | 13 | 13 | 13 | 13 | 13 |
| Total: | 5,433 | 5,148 | 5,160 | 5,193 | 5,605 | 5,970 | 7,000 |

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Electronic Components, n.e.c.
Rounded to Millions of 2000 Dollars**

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 1,565 | 1,565 | 1,664 | 1,686 | 1,727 | 1,744 | 1,762 |
| Indirect Purchases | 2,579 | 2,560 | 2,697 | 2,803 | 2,923 | 3,030 | 3,107 |
| Total : | 4,144 | 4,126 | 4,361 | 4,489 | 4,649 | 4,774 | 4,869 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 1,565 | 1,565 | 1,664 | 1,686 | 1,727 | 1,744 | 1,762 |
| Indirect Purchases | 2,579 | 2,560 | 2,697 | 2,803 | 2,923 | 3,030 | 3,107 |
| Total : | 4,144 | 4,126 | 4,361 | 4,489 | 4,649 | 4,774 | 4,869 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Aircraft Engines | 21 | 21 | 20 | 20 | 20 | 21 | 21 |
| Aircraft Parts | 236 | 224 | 241 | 259 | 281 | 300 | 307 |
| Ammunition | 104 | 101 | 110 | 118 | 126 | 130 | 134 |
| Communication Equipment | 1,310 | 1,317 | 1,378 | 1,435 | 1,499 | 1,558 | 1,587 |
| Missiles | 190 | 184 | 193 | 199 | 208 | 211 | 217 |
| Motor Vehicles | 9 | 9 | 10 | 11 | 12 | 13 | 15 |
| Shipbuilding | 12 | 11 | 12 | 13 | 14 | 15 | 16 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 194 | 192 | 201 | 203 | 208 | 211 | 213 |
| Other Ordnances | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Other | 500 | 500 | 530 | 543 | 552 | 567 | 595 |
| Total : | 2,579 | 2,560 | 2,697 | 2,803 | 2,923 | 3,030 | 3,107 |

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Electronic Components, n.e.c.
 Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Military Personnel Operations & Maintenance * | 14 1,480 | 14 1,459 | 12 1,549 | 13 1,567 | 13 1,599 | 14 1,621 | 16 1,674 |
| Aircraft | 403 | 402 | 417 | 446 | 479 | 502 | 509 |
| Missiles | 305 | 290 | 334 | 358 | 368 | 370 | 361 |
| Weapons and Tracked Vehicles | 5 | 5 | 5 | 5 | 6 | 6 | 8 |
| Shipbuilding | 28 | 21 | 19 | 24 | 22 | 10 | 11 |
| Ammunition | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other | 961 | 1,045 | 1,152 | 1,205 | 1,300 | 1,396 | 1,452 |
| Total Procurement | 1,704 | 1,765 | 1,929 | 2,040 | 2,177 | 2,286 | 2,342 |
| RDT&E | 869 | 822 | 811 | 804 | 802 | 799 | 783 |
| Military Construction | 59 | 49 | 44 | 49 | 42 | 38 | 38 |
| Family Housing | 18 | 16 | 16 | 16 | 16 | 16 | 16 |
| Total : | 4,144 | 4,126 | 4,361 | 4,489 | 4,649 | 4,774 | 4,869 |

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Semiconductors and Related Devices**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 66 | 63 | 65 | 67 | 70 | 74 | 78 |
| Indirect Purchases | 3,629 | 3,728 | 4,057 | 4,350 | 4,667 | 4,962 | 5,259 |
| Total: | 3,694 | 3,791 | 4,123 | 4,416 | 4,737 | 5,036 | 5,337 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 66 | 63 | 65 | 67 | 70 | 74 | 78 |
| Indirect Purchases | 3,629 | 3,728 | 4,057 | 4,350 | 4,667 | 4,962 | 5,259 |
| Total: | 3,694 | 3,791 | 4,123 | 4,416 | 4,737 | 5,036 | 5,337 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Aircraft Engines | 32 | 32 | 33 | 34 | 36 | 38 | 40 |
| Aircraft Parts | 237 | 234 | 263 | 294 | 330 | 366 | 388 |
| Ammunition | 263 | 265 | 298 | 332 | 368 | 391 | 414 |
| Communication Equipment | 1,166 | 1,221 | 1,331 | 1,437 | 1,554 | 1,675 | 1,764 |
| Missiles | 96 | 98 | 108 | 116 | 126 | 134 | 143 |
| Motor Vehicles | 57 | 59 | 66 | 75 | 85 | 92 | 105 |
| Shipbuilding | 35 | 33 | 36 | 40 | 48 | 53 | 57 |
| Tanks | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Electronic Equipment | 205 | 214 | 235 | 248 | 263 | 276 | 289 |
| Other Ordinances | 13 | 13 | 14 | 15 | 17 | 18 | 18 |
| Other | 1,525 | 1,558 | 1,672 | 1,758 | 1,839 | 1,919 | 2,040 |
| Total: | 3,629 | 3,728 | 4,057 | 4,350 | 4,667 | 4,962 | 5,259 |

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Semiconductors and Related Devices
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Military Personnel Operations & Maintenance * | 43 1,334 | 46 1,388 | 42 1,549 | 48 1,646 | 50 1,769 | 55 1,886 | 64 2,048 |
| Aircraft | 338 | 346 | 379 | 423 | 469 | 502 | 526 |
| Missiles | 67 | 67 | 79 | 90 | 101 | 110 | 115 |
| Weapons and Tracked Vehicles | 22 | 21 | 22 | 24 | 26 | 31 | 37 |
| Shipbuilding | 34 | 29 | 28 | 35 | 37 | 28 | 30 |
| Ammunition | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| Other | 676 | 736 | 835 | 923 | 1,027 | 1,143 | 1,226 |
| Total Procurement | 1,141 | 1,203 | 1,347 | 1,499 | 1,665 | 1,819 | 1,939 |
| RDT&E | 1,124 | 1,107 | 1,140 | 1,172 | 1,203 | 1,227 | 1,234 |
| Military Construction | 33 | 29 | 27 | 32 | 30 | 28 | 29 |
| Family Housing | 18 | 18 | 18 | 20 | 20 | 21 | 22 |
| Total : | 3,694 | 3,791 | 4,123 | 4,416 | 4,737 | 5,036 | 5,337 |

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Search and Navigation Equipment**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 3,564 | 3,553 | 3,684 | 3,879 | 4,094 | 4,167 | 4,205 |
| Indirect Purchases | 121 | 118 | 121 | 125 | 129 | 134 | 136 |
| Total : | 3,685 | 3,672 | 3,806 | 4,004 | 4,222 | 4,301 | 4,341 |
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 9 | 9 | 8 | 8 | 8 | 8 | 8 |
| Aircraft Parts | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Communication Equipment | 6 | 6 | 7 | 7 | 7 | 8 | 8 |
| Missiles | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| Motor Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 9 | 8 | 8 | 9 | 10 | 10 | 11 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 92 | 90 | 93 | 96 | 98 | 102 | 103 |
| Total : | 121 | 118 | 121 | 125 | 129 | 134 | 136 |

Note: numbers may not add due to rounding

Sources of Projected Defense Purchases
Search and Navigation Equipment
 Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Military Personnel | | | | | | | |
| Operations & Maintenance * | 1 800 | 1 792 | 1 848 | 1 864 | 1 882 | 1 894 | 1 907 |
| Aircraft | 482 | 505 | 533 | 575 | 613 | 617 | 599 |
| Missiles | 90 | 90 | 90 | 96 | 98 | 103 | 108 |
| Weapons and Tracked Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 197 | 141 | 110 | 152 | 128 | 9 | 10 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 1,413 | 1,485 | 1,580 | 1,678 | 1,869 | 2,058 | 2,111 |
| Total Procurement | 2,183 | 2,222 | 2,313 | 2,501 | 2,709 | 2,787 | 2,829 |
| RDT&E | 685 | 643 | 631 | 625 | 618 | 608 | 593 |
| Military Construction | 12 | 10 | 9 | 10 | 9 | 8 | 8 |
| Family Housing | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Total: | 3,685 | 3,672 | 3,806 | 4,004 | 4,222 | 4,301 | 4,341 |

Direct plus indirect purchases.

* Includes net funds appropriated to Defense-Wide Contingencies; Revolving and Management Funds; Trust & Receipts; Deductions, Intragovernment Receipts.

Note: Numbers may not add due to rounding

**Projected Defense Purchases of
Ammunition, Except Small Arms**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 3,333 | 3,203 | 3,438 | 3,660 | 3,885 | 3,963 | 4,042 |
| Indirect Purchases | 202 | 194 | 209 | 222 | 236 | 241 | 245 |
| Total : | 3,535 | 3,397 | 3,647 | 3,882 | 4,120 | 4,204 | 4,287 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------|------------|------------|------------|------------|------------|------------|------------|
| Ammunition | 202 | 194 | 209 | 222 | 236 | 241 | 245 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total : | 202 | 194 | 209 | 222 | 236 | 241 | 245 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Electronic Computers**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 2,394 | 2,382 | 2,517 | 2,580 | 2,653 | 2,697 | 2,781 |
| Indirect Purchases | 582 | 578 | 609 | 625 | 644 | 656 | 675 |
| Total : | 2,977 | 2,960 | 3,126 | 3,205 | 3,298 | 3,353 | 3,457 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|------------|------------|------------|------------|------------|------------|------------|------|
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 94 | 94 | 98 | 102 | 106 | 109 | 110 | |
| 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 478 | 474 | 501 | 513 | 526 | 535 | 552 | |
| 582 | 578 | 609 | 625 | 644 | 656 | 675 | |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | |
|----------------------------|------------|
| Aircraft Engines | 1 |
| Aircraft Parts | 2 |
| Ammunition | 1 |
| Communication Equipment | 94 |
| Missiles | 2 |
| Motor Vehicles | 1 |
| Shipbuilding | 1 |
| Tanks | 0 |
| Other Electronic Equipment | 2 |
| Other Ordinances | 0 |
| Other | 478 |
| Total : | 582 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Fuel Oil**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 1,769 | 1,645 | 1,650 | 1,636 | 1,811 | 1,964 | 2,411 |
| Indirect Purchases | 700 | 675 | 654 | 671 | 692 | 713 | 780 |
| Total : | 2,469 | 2,321 | 2,303 | 2,307 | 2,503 | 2,677 | 3,191 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 1,769 | 1,645 | 1,650 | 1,636 | 1,811 | 1,964 | 2,411 |
| Indirect Purchases | 700 | 675 | 654 | 671 | 692 | 713 | 780 |
| Total : | 2,469 | 2,321 | 2,303 | 2,307 | 2,503 | 2,677 | 3,191 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 13 | 12 | 12 | 12 | 11 | 12 | 11 |
| Aircraft Parts | 16 | 15 | 16 | 17 | 18 | 19 | 19 |
| Ammunition | 10 | 10 | 10 | 11 | 12 | 12 | 12 |
| Communication Equipment | 16 | 16 | 17 | 17 | 18 | 18 | 18 |
| Missiles | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Motor Vehicles | 9 | 9 | 10 | 11 | 11 | 12 | 13 |
| Shipbuilding | 19 | 17 | 17 | 18 | 20 | 21 | 21 |
| Tanks | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Electronic Equipment | 6 | 6 | 6 | 6 | 7 | 7 | 7 |
| Other Ordinances | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other | 605 | 585 | 560 | 574 | 589 | 608 | 672 |
| Total : | 700 | 675 | 654 | 671 | 692 | 713 | 780 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Miscellaneous Plastic Products**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 30 | 28 | 28 | 29 | 30 | 30 | 33 |
| Indirect Purchases | 2,300 | 2,291 | 2,403 | 2,496 | 2,604 | 2,690 | 2,834 |
| Total : | 2,330 | 2,319 | 2,431 | 2,524 | 2,634 | 2,720 | 2,868 |

SUMMARY OF DEFENSE PURCHASES

| | | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Aircraft Engines | 30 | 28 | 28 | 29 | 30 | 30 | 33 |
| Aircraft Parts | 2,300 | 2,291 | 2,403 | 2,496 | 2,604 | 2,690 | 2,834 |
| Ammunition | | | | | | | |
| Communication Equipment | | | | | | | |
| Missiles | | | | | | | |
| Motor Vehicles | | | | | | | |
| Shipbuilding | | | | | | | |
| Tanks | | | | | | | |
| Other Electronic Equipment | | | | | | | |
| Other Ordinances | | | | | | | |
| Other | | | | | | | |
| Total : | 2,330 | 2,291 | 2,403 | 2,496 | 2,604 | 2,690 | 2,834 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Aircraft Engines | 36 | 34 | 34 | 34 | 34 | 34 | 35 | 36 |
| Aircraft Parts | 74 | 71 | 77 | 83 | 90 | 90 | 97 | 100 |
| Ammunition | 49 | 48 | 53 | 57 | 62 | 65 | 67 | 67 |
| Communication Equipment | 184 | 188 | 199 | 210 | 222 | 222 | 234 | 241 |
| Missiles | 53 | 52 | 55 | 57 | 60 | 61 | 63 | 63 |
| Motor Vehicles | 106 | 107 | 114 | 126 | 138 | 144 | 158 | 158 |
| Shipbuilding | 45 | 41 | 43 | 46 | 52 | 56 | 58 | 58 |
| Tanks | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| Other Electronic Equipment | 223 | 225 | 240 | 245 | 253 | 257 | 262 | 262 |
| Other Ordinances | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other | 1,523 | 1,519 | 1,582 | 1,631 | 1,686 | 1,734 | 1,843 | 1,843 |
| Total : | 2,330 | 2,291 | 2,403 | 2,496 | 2,604 | 2,690 | 2,834 | 2,834 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Motor Vehicles and Passenger Car Bodies**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 2,032 | 2,029 | 2,154 | 2,353 | 2,567 | 2,641 | 2,873 |
| Indirect Purchases | 39 | 43 | 47 | 52 | 56 | 58 | 63 |
| Total : | 2,071 | 2,071 | 2,201 | 2,405 | 2,623 | 2,699 | 2,937 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aircraft Engines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aircraft Parts | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Communication Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missiles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Vehicles | 27 | 28 | 30 | 33 | 36 | 37 | 40 |
| Shipbuilding | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 12 | 15 | 17 | 19 | 20 | 21 | 23 |
| Total : | 39 | 43 | 47 | 52 | 56 | 58 | 63 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Steel Mills, Blast Furnaces, and Rolling and Finishing Mills**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 20 | 19 | 19 | 20 | 21 | 22 | 24 |
| Indirect Purchases | 1,764 | 1,665 | 1,709 | 1,744 | 1,792 | 1,807 | 1,834 |
| Total : | 1,784 | 1,684 | 1,728 | 1,763 | 1,813 | 1,829 | 1,858 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Aircraft Engines | 62 | 58 | 55 | 53 | 52 | 52 | 51 |
| Aircraft Parts | 87 | 80 | 84 | 88 | 93 | 97 | 96 |
| Ammunition | 121 | 114 | 120 | 126 | 131 | 132 | 132 |
| Communication Equipment | 119 | 116 | 119 | 122 | 126 | 127 | 126 |
| Missiles | 14 | 14 | 14 | 14 | 15 | 15 | 15 |
| Motor Vehicles | 113 | 111 | 115 | 124 | 132 | 133 | 142 |
| Shipbuilding | 497 | 432 | 450 | 466 | 512 | 532 | 534 |
| Tanks | 12 | 12 | 13 | 13 | 13 | 13 | 12 |
| Other Electronic Equipment | 22 | 21 | 22 | 21 | 22 | 21 | 21 |
| Other Ordinances | 12 | 11 | 11 | 11 | 12 | 12 | 12 |
| Other | 705 | 697 | 706 | 706 | 686 | 675 | 694 |
| Total : | 1,764 | 1,665 | 1,709 | 1,744 | 1,792 | 1,807 | 1,834 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Measuring Devices and Environmental Controls**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 1,200 | 1,185 | 1,292 | 1,364 | 1,416 | 1,461 | 1,512 |
| Indirect Purchases | 384 | 377 | 391 | 406 | 417 | 434 | 445 |
| Total : | 1,584 | 1,563 | 1,682 | 1,770 | 1,834 | 1,895 | 1,957 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 1,200 | 1,185 | 1,292 | 1,364 | 1,416 | 1,461 | 1,512 |
| Indirect Purchases | 384 | 377 | 391 | 406 | 417 | 434 | 445 |
| Total : | 1,584 | 1,563 | 1,682 | 1,770 | 1,834 | 1,895 | 1,957 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 12 | 12 | 12 | 11 | 11 | 12 | 12 |
| Aircraft Parts | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| Ammunition | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Communication Equipment | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| Missiles | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Motor Vehicles | 23 | 23 | 24 | 26 | 29 | 30 | 32 |
| Shipbuilding | 9 | 8 | 8 | 9 | 10 | 10 | 11 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Ordnances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 327 | 322 | 333 | 345 | 352 | 366 | 375 |
| Total : | 384 | 377 | 391 | 406 | 417 | 434 | 445 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Industrial Inorganic Chemicals**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 939 | 920 | 961 | 977 | 999 | 1,016 | 1,040 |
| Indirect Purchases | 580 | 558 | 572 | 578 | 592 | 601 | 625 |
| Total : | 1,519 | 1,478 | 1,533 | 1,555 | 1,592 | 1,618 | 1,665 |

SUMMARY OF DEFENSE PURCHASES

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 5 | 5 | 4 | 4 | 4 | 4 | 4 |
| Aircraft Parts | 8 | 8 | 8 | 8 | 9 | 9 | 9 |
| Ammunition | 6 | 5 | 6 | 6 | 6 | 6 | 6 |
| Communication Equipment | 14 | 14 | 14 | 15 | 15 | 16 | 16 |
| Missiles | 3 | 2 | 2 | 3 | 3 | 3 | 3 |
| Motor Vehicles | 8 | 8 | 9 | 9 | 10 | 10 | 10 |
| Shipbuilding | 19 | 16 | 17 | 17 | 19 | 19 | 19 |
| Tanks | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Other Electronic Equipment | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 508 | 490 | 502 | 507 | 517 | 525 | 548 |
| Total : | 580 | 558 | 572 | 578 | 592 | 601 | 625 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Commercial Printing**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 78 | 78 | 82 | 82 | 84 | 86 | 92 |
| Indirect Purchases | 1,271 | 1,245 | 1,284 | 1,322 | 1,363 | 1,394 | 1,451 |
| Total : | 1,349 | 1,323 | 1,365 | 1,404 | 1,447 | 1,481 | 1,543 |
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 43 | 41 | 40 | 39 | 39 | 40 | 40 |
| Aircraft Parts | 54 | 51 | 55 | 59 | 63 | 68 | 69 |
| Ammunition | 42 | 40 | 43 | 46 | 49 | 50 | 51 |
| Communication Equipment | 79 | 79 | 82 | 86 | 89 | 93 | 94 |
| Missiles | 22 | 21 | 22 | 23 | 24 | 24 | 25 |
| Motor Vehicles | 22 | 22 | 23 | 25 | 28 | 28 | 31 |
| Shipbuilding | 31 | 27 | 29 | 31 | 34 | 37 | 37 |
| Tanks | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other Electronic Equipment | 11 | 11 | 11 | 11 | 12 | 12 | 12 |
| Other Ordinances | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other | 966 | 950 | 974 | 998 | 1,021 | 1,039 | 1,088 |
| Total : | 1,271 | 1,245 | 1,284 | 1,322 | 1,363 | 1,394 | 1,451 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Industrial Trucks, Tractors, Trailers, and Stackers**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 1,215 | 1,200 | 1,251 | 1,285 | 1,291 | 1,311 | 1,363 |
| Indirect Purchases | 102 | 100 | 105 | 108 | 109 | 111 | 116 |
| Total : | 1,316 | 1,301 | 1,356 | 1,393 | 1,400 | 1,423 | 1,478 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aircraft Parts | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Ammunition | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| Communication Equipment | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Missiles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Vehicles | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Shipbuilding | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 97 | 96 | 100 | 103 | 104 | 105 | 110 |
| Total : | 102 | 100 | 105 | 108 | 109 | 111 | 116 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Surgical and Medical Instruments**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 1,117 | 1,092 | 1,122 | 1,146 | 1,174 | 1,196 | 1,237 |
| Indirect Purchases | 34 | 32 | 33 | 33 | 35 | 38 | 45 |
| Total : | 1,151 | 1,124 | 1,155 | 1,179 | 1,209 | 1,234 | 1,281 |
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aircraft Parts | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Communication Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missiles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordnances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 33 | 32 | 32 | 32 | 35 | 38 | 44 |
| Total : | 34 | 32 | 33 | 33 | 35 | 38 | 45 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 160 | 142 | 137 | 140 | 128 | 121 | 120 |
| Indirect Purchases | 974 | 960 | 992 | 1,022 | 1,050 | 1,076 | 1,104 |
| Total : | 1,134 | 1,102 | 1,129 | 1,163 | 1,179 | 1,197 | 1,223 |

SUMMARY OF DEFENSE PURCHASES

| | | | | | | | |
|----------------------------|------------|------------|------------|--------------|--------------|--------------|--------------|
| Aircraft Engines | 199 | 189 | 185 | 181 | 181 | 184 | 185 |
| Aircraft Parts | 81 | 76 | 82 | 87 | 94 | 100 | 102 |
| Ammunition | 13 | 13 | 14 | 15 | 16 | 17 | 18 |
| Communication Equipment | 78 | 79 | 83 | 87 | 92 | 96 | 99 |
| Missiles | 19 | 18 | 19 | 20 | 21 | 22 | 22 |
| Motor Vehicles | 6 | 6 | 6 | 7 | 7 | 8 | 8 |
| Shipbuilding | 37 | 33 | 35 | 37 | 41 | 44 | 45 |
| Tanks | 16 | 16 | 18 | 19 | 20 | 19 | 19 |
| Other Electronic Equipment | 37 | 37 | 38 | 38 | 39 | 40 | 40 |
| Other Ordinances | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other | 486 | 491 | 511 | 529 | 537 | 546 | 566 |
| Total : | 974 | 960 | 992 | 1,022 | 1,050 | 1,076 | 1,104 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Electron Tubes**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 972 | 924 | 904 | 894 | 900 | 906 | 896 |
| Indirect Purchases | 113 | 114 | 121 | 126 | 133 | 140 | 146 |
| Total : | 1,085 | 1,038 | 1,024 | 1,020 | 1,033 | 1,046 | 1,042 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 972 | 924 | 904 | 894 | 900 | 906 | 896 |
| Indirect Purchases | 113 | 114 | 121 | 126 | 133 | 140 | 146 |
| Total : | 1,085 | 1,038 | 1,024 | 1,020 | 1,033 | 1,046 | 1,042 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Aircraft Parts | 9 | 9 | 10 | 11 | 12 | 13 | 13 |
| Ammunition | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Communication Equipment | 45 | 46 | 49 | 52 | 54 | 58 | 60 |
| Missiles | 5 | 4 | 5 | 5 | 5 | 5 | 6 |
| Motor Vehicles | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Shipbuilding | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 15 | 15 | 15 | 16 | 16 | 16 | 17 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 34 | 35 | 37 | 39 | 40 | 41 | 44 |
| Total : | 113 | 114 | 121 | 126 | 133 | 140 | 146 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Apparel**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 853 | 854 | 747 | 832 | 852 | 879 | 949 |
| Indirect Purchases | 182 | 180 | 167 | 180 | 185 | 189 | 201 |
| Total : | 1,035 | 1,035 | 913 | 1,012 | 1,037 | 1,068 | 1,150 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|------------|------------|------------|------------|------------|------------|------------|
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Aircraft Parts | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| Ammunition | 12 | 11 | 12 | 12 | 13 | 13 | 13 |
| Communication Equipment | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| Missiles | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Motor Vehicles | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Shipbuilding | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 158 | 157 | 142 | 154 | 157 | 161 | 172 |
| Total : | 182 | 180 | 167 | 180 | 185 | 189 | 201 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Industrial Organic Chemicals
Rounded to Millions of 2000 Dollars**

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 5 | 5 | 6 | 6 | 6 | 6 | 6 |
| Indirect Purchases | 1,060 | 1,026 | 1,049 | 1,074 | 1,103 | 1,123 | 1,166 |
| Total : | 1,065 | 1,032 | 1,054 | 1,080 | 1,109 | 1,129 | 1,172 |
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 23 | 22 | 21 | 21 | 21 | 21 | 21 |
| Aircraft Parts | 47 | 44 | 47 | 50 | 54 | 57 | 58 |
| Ammunition | 22 | 21 | 23 | 25 | 26 | 27 | 28 |
| Communication Equipment | 62 | 63 | 66 | 69 | 73 | 76 | 78 |
| Missiles | 13 | 13 | 13 | 14 | 14 | 15 | 15 |
| Motor Vehicles | 34 | 34 | 36 | 39 | 42 | 43 | 46 |
| Shipbuilding | 37 | 33 | 34 | 35 | 39 | 41 | 42 |
| Tanks | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| Other Electronic Equipment | 46 | 45 | 46 | 47 | 48 | 48 | 48 |
| Other Ordinances | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other | 772 | 748 | 758 | 771 | 782 | 791 | 826 |
| Total : | 1,060 | 1,026 | 1,049 | 1,074 | 1,103 | 1,123 | 1,166 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Motor Vehicle Parts and Accessories**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Direct Purchases | 224 | 216 | 225 | 235 | 255 | 266 | 299 |
| Indirect Purchases | 816 | 808 | 846 | 908 | 974 | 998 | 1,074 |
| Total : | 1,040 | 1,025 | 1,070 | 1,144 | 1,229 | 1,264 | 1,373 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|------------|------------|------------|------------|------------|------------|--------------|
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| Aircraft Parts | 5 | 5 | 5 | 5 | 5 | 6 | 6 |
| Ammunition | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| Communication Equipment | 7 | 7 | 7 | 7 | 8 | 8 | 8 |
| Missiles | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Motor Vehicles | 672 | 668 | 707 | 769 | 835 | 857 | 930 |
| Shipbuilding | 8 | 7 | 7 | 7 | 8 | 9 | 9 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 112 | 110 | 108 | 107 | 103 | 105 | 107 |
| Total : | 816 | 808 | 846 | 908 | 974 | 998 | 1,074 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Motors and Generators**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 705 | 657 | 652 | 673 | 654 | 645 | 651 |
| Indirect Purchases | 245 | 240 | 249 | 254 | 259 | 264 | 271 |
| Total : | 950 | 897 | 901 | 927 | 913 | 909 | 921 |

SUMMARY OF DEFENSE PURCHASES

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Aircraft Parts | 7 | 6 | 7 | 7 | 8 | 8 | 8 |
| Ammunition | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Communication Equipment | 35 | 35 | 36 | 37 | 39 | 40 | 40 |
| Missiles | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Motor Vehicles | 5 | 5 | 6 | 6 | 7 | 7 | 7 |
| Shipbuilding | 34 | 30 | 32 | 33 | 37 | 39 | 40 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 158 | 158 | 163 | 164 | 163 | 164 | 169 |
| Total : | 245 | 240 | 249 | 254 | 259 | 264 | 271 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Computer Peripheral Equipment**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|--------------|
| Direct Purchases | 409 | 410 | 432 | 443 | 458 | 467 | 480 |
| Indirect Purchases | 463 | 459 | 483 | 495 | 508 | 517 | 533 |
| Total : | 872 | 868 | 915 | 937 | 966 | 984 | 1,013 |

SUMMARY OF DEFENSE PURCHASES

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 5 | 5 | 5 | 4 | 4 | 5 | 5 |
| Aircraft Parts | 6 | 6 | 6 | 7 | 7 | 8 | 8 |
| Ammunition | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Communication Equipment | 7 | 7 | 7 | 7 | 8 | 8 | 8 |
| Missiles | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Motor Vehicles | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Shipbuilding | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 441 | 438 | 460 | 471 | 484 | 491 | 507 |
| Total : | 463 | 459 | 483 | 495 | 508 | 517 | 533 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Fabricated Metal Products, n.e.c.
Rounded to Millions of 2000 Dollars**

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|--------------|
| Direct Purchases | 351 | 401 | 454 | 457 | 487 | 513 | 538 |
| Indirect Purchases | 424 | 411 | 432 | 450 | 470 | 480 | 492 |
| Total : | 775 | 812 | 886 | 907 | 957 | 992 | 1,031 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Aircraft Parts | 12 | 11 | 12 | 13 | 14 | 15 | 15 |
| Ammunition | 200 | 192 | 205 | 218 | 231 | 235 | 239 |
| Communication Equipment | 34 | 34 | 35 | 37 | 38 | 39 | 39 |
| Missiles | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Motor Vehicles | 5 | 5 | 6 | 6 | 7 | 7 | 7 |
| Shipbuilding | 22 | 19 | 20 | 21 | 24 | 25 | 26 |
| Tanks | 5 | 5 | 6 | 6 | 7 | 6 | 6 |
| Other Electronic Equipment | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Other Ordinances | 11 | 11 | 12 | 12 | 12 | 12 | 12 |
| Other | 120 | 120 | 122 | 124 | 124 | 127 | 134 |
| Total : | 424 | 411 | 432 | 450 | 470 | 480 | 492 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Fabricated Plate Work (Boiler Shops)**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 649 | 625 | 658 | 649 | 653 | 648 | 640 |
| Indirect Purchases | 178 | 169 | 174 | 177 | 180 | 182 | 186 |
| Total : | 826 | 794 | 832 | 826 | 834 | 830 | 827 |

SUMMARY OF DEFENSE PURCHASES

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Aircraft Parts | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Ammunition | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Communication Equipment | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Missiles | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Motor Vehicles | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Shipbuilding | 44 | 40 | 43 | 45 | 51 | 54 | 56 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 127 | 123 | 125 | 125 | 122 | 120 | 123 |
| Total : | 178 | 169 | 174 | 177 | 180 | 182 | 186 |

**Projected Defense Purchases of
Pipes, Valves, and Pipe Fittings**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 212 | 232 | 257 | 258 | 276 | 292 | 315 |
| Indirect Purchases | 535 | 524 | 548 | 572 | 603 | 626 | 653 |
| Total : | 747 | 756 | 805 | 830 | 880 | 918 | 968 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 5 | 4 | 4 | 4 | 4 | 5 | 5 |
| Aircraft Parts | 21 | 20 | 21 | 23 | 25 | 27 | 27 |
| Ammunition | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| Communication Equipment | 6 | 6 | 7 | 7 | 7 | 8 | 8 |
| Missiles | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Motor Vehicles | 6 | 6 | 6 | 7 | 8 | 8 | 9 |
| Shipbuilding | 195 | 176 | 188 | 199 | 225 | 241 | 248 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 294 | 304 | 312 | 322 | 324 | 328 | 346 |
| Total : | 535 | 524 | 548 | 572 | 603 | 626 | 653 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Aluminum Rolling and Drawing Products**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 4 | 4 | 4 | 4 | 5 | 5 | 6 |
| Indirect Purchases | 728 | 710 | 739 | 761 | 785 | 798 | 820 |
| Total : | 732 | 714 | 743 | 766 | 790 | 803 | 825 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 24 | 22 | 22 | 21 | 21 | 21 | 21 |
| Aircraft Parts | 123 | 114 | 121 | 128 | 136 | 143 | 144 |
| Ammunition | 49 | 47 | 50 | 53 | 56 | 56 | 57 |
| Communication Equipment | 42 | 42 | 43 | 45 | 46 | 47 | 48 |
| Missiles | 12 | 12 | 12 | 12 | 13 | 13 | 13 |
| Motor Vehicles | 34 | 34 | 35 | 38 | 41 | 41 | 44 |
| Shipbuilding | 66 | 58 | 61 | 63 | 70 | 74 | 75 |
| Tanks | 15 | 15 | 16 | 17 | 17 | 16 | 16 |
| Other Electronic Equipment | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Other Ordinances | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Other | 348 | 353 | 364 | 370 | 371 | 371 | 388 |
| Total : | 728 | 710 | 739 | 761 | 785 | 798 | 820 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Plastics Materials and Resins
Rounded to Millions of 2000 Dollars**

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| Indirect Purchases | 686 | 673 | 697 | 719 | 743 | 761 | 792 |
| Total : | 691 | 678 | 702 | 724 | 748 | 766 | 798 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| Indirect Purchases | 686 | 673 | 697 | 719 | 743 | 761 | 792 |
| Total : | 691 | 678 | 702 | 724 | 748 | 766 | 798 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 18 | 17 | 17 | 16 | 16 | 16 | 17 |
| Aircraft Parts | 56 | 52 | 56 | 60 | 64 | 68 | 69 |
| Ammunition | 17 | 16 | 18 | 19 | 20 | 21 | 22 |
| Communication Equipment | 50 | 51 | 53 | 56 | 58 | 61 | 62 |
| Missiles | 16 | 15 | 16 | 16 | 17 | 17 | 18 |
| Motor Vehicles | 33 | 33 | 35 | 38 | 41 | 42 | 46 |
| Shipbuilding | 21 | 18 | 19 | 20 | 23 | 24 | 25 |
| Tanks | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| Other Electronic Equipment | 53 | 53 | 56 | 57 | 58 | 59 | 59 |
| Other Ordinances | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other | 420 | 414 | 424 | 434 | 441 | 448 | 472 |
| Total : | 686 | 673 | 697 | 719 | 743 | 761 | 792 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Laboratory and Optical Instruments**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 417 | 451 | 503 | 510 | 532 | 549 | 558 |
| Indirect Purchases | 235 | 226 | 237 | 247 | 260 | 268 | 273 |
| Total : | 653 | 677 | 740 | 757 | 792 | 817 | 831 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Aircraft Parts | 67 | 63 | 68 | 72 | 78 | 83 | 85 |
| Ammunition | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
| Communication Equipment | 10 | 10 | 11 | 11 | 12 | 12 | 12 |
| Missiles | 115 | 110 | 115 | 117 | 122 | 123 | 125 |
| Motor Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 31 | 30 | 32 | 33 | 35 | 36 | 38 |
| Total : | 235 | 226 | 237 | 247 | 260 | 268 | 273 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | |
|----------------------------|-----|
| Aircraft Engines | 6 |
| Aircraft Parts | 63 |
| Ammunition | 4 |
| Communication Equipment | 10 |
| Missiles | 110 |
| Motor Vehicles | 0 |
| Shipbuilding | 0 |
| Tanks | 0 |
| Other Electronic Equipment | 2 |
| Other Ordinances | 0 |
| Other | 30 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Electric Lamps, Light Fixtures, and Wiring**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 463 | 423 | 415 | 423 | 399 | 388 | 405 |
| Indirect Purchases | 246 | 242 | 251 | 260 | 268 | 276 | 286 |
| Total : | 709 | 665 | 666 | 683 | 667 | 664 | 691 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Aircraft Parts | 5 | 5 | 5 | 6 | 6 | 7 | 7 |
| Ammunition | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Communication Equipment | 67 | 67 | 70 | 73 | 75 | 78 | 80 |
| Missiles | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| Motor Vehicles | 12 | 12 | 13 | 14 | 15 | 15 | 17 |
| Shipbuilding | 12 | 11 | 11 | 12 | 13 | 14 | 15 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 8 | 8 | 8 | 8 | 8 | 9 | 9 |
| Other Ordnances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 132 | 130 | 133 | 137 | 139 | 141 | 148 |
| Total : | 246 | 242 | 251 | 260 | 268 | 276 | 286 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Metal Plating, Polishing, and Coating**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
| Indirect Purchases | 648 | 644 | 681 | 710 | 742 | 769 | 795 |
| Total : | 654 | 650 | 687 | 716 | 748 | 776 | 802 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|------------|------------|------------|------------|------------|------------|------------|
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 52 | 50 | 49 | 48 | 48 | 49 | 50 |
| Aircraft Parts | 63 | 60 | 65 | 69 | 75 | 81 | 83 |
| Ammunition | 41 | 40 | 43 | 47 | 50 | 52 | 53 |
| Communication Equipment | 129 | 131 | 139 | 146 | 154 | 161 | 166 |
| Missiles | 19 | 19 | 20 | 21 | 22 | 22 | 23 |
| Motor Vehicles | 18 | 18 | 19 | 21 | 23 | 24 | 26 |
| Shipbuilding | 15 | 13 | 14 | 15 | 17 | 18 | 18 |
| Tanks | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Electronic Equipment | 95 | 95 | 101 | 102 | 105 | 107 | 108 |
| Other Ordinances | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| Other | 210 | 214 | 227 | 236 | 242 | 250 | 263 |
| Total : | 648 | 644 | 681 | 710 | 742 | 769 | 795 |

**Projected Defense Purchases of
Paper Mills, Including Building Paper**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 4 | 4 | 4 | 4 | 5 | 5 | 6 |
| Indirect Purchases | 662 | 643 | 657 | 670 | 685 | 694 | 717 |
| Total : | 666 | 647 | 661 | 674 | 689 | 699 | 722 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 4 | 4 | 4 | 4 | 5 | 5 | 6 |
| Indirect Purchases | 662 | 643 | 657 | 670 | 685 | 694 | 717 |
| Total : | 666 | 647 | 661 | 674 | 689 | 699 | 722 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 19 | 18 | 17 | 17 | 17 | 17 | 17 |
| Aircraft Parts | 25 | 23 | 24 | 26 | 28 | 29 | 29 |
| Ammunition | 19 | 18 | 19 | 20 | 21 | 21 | 22 |
| Communication Equipment | 36 | 36 | 37 | 38 | 40 | 41 | 41 |
| Missiles | 10 | 10 | 10 | 10 | 11 | 11 | 11 |
| Motor Vehicles | 10 | 10 | 10 | 11 | 12 | 12 | 13 |
| Shipbuilding | 15 | 14 | 14 | 15 | 17 | 17 | 18 |
| Tanks | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Electronic Equipment | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Other Ordinances | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other | 521 | 508 | 517 | 525 | 533 | 538 | 558 |
| Total : | 662 | 643 | 657 | 670 | 685 | 694 | 717 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Special Dies, Jigs, Molds, and Cutting Tools**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 94 | 92 | 89 | 83 | 76 | 72 | 73 |
| Indirect Purchases | 543 | 554 | 578 | 597 | 607 | 612 | 629 |
| Total : | 637 | 646 | 667 | 680 | 683 | 684 | 702 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|------------|------------|------------|------------|------------|------------|------------|
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 47 | 44 | 43 | 42 | 42 | 43 | 43 |
| Aircraft Parts | 23 | 22 | 24 | 25 | 27 | 29 | 29 |
| Ammunition | 26 | 25 | 27 | 29 | 31 | 31 | 32 |
| Communication Equipment | 22 | 22 | 23 | 24 | 25 | 26 | 27 |
| Missiles | 11 | 11 | 12 | 12 | 12 | 13 | 13 |
| Motor Vehicles | 29 | 29 | 30 | 33 | 36 | 37 | 40 |
| Shipbuilding | 20 | 18 | 19 | 20 | 22 | 24 | 24 |
| Tanks | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| Other Electronic Equipment | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Other Ordinances | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other | 355 | 374 | 390 | 402 | 401 | 399 | 411 |
| Total : | 543 | 554 | 578 | 597 | 607 | 612 | 629 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Electrical Machinery, Equipment and Supplies, n.e.c.**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 645 | 615 | 618 | 622 | 622 | 619 | 619 |
| Indirect Purchases | 14 | 14 | 14 | 15 | 15 | 15 | 16 |
| Total : | 659 | 629 | 633 | 636 | 637 | 635 | 635 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------|------------|------------|------------|------------|------------|------------|------------|
| 645 | 615 | 618 | 622 | 622 | 619 | 619 | 619 |
| 14 | 14 | 14 | 15 | 15 | 15 | 15 | 16 |
| Total : | 659 | 629 | 633 | 636 | 637 | 635 | 635 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aircraft Engines | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aircraft Parts | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ammunition | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Communication Equipment | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| Missiles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Vehicles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shipbuilding | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Total : | 14 | 14 | 14 | 15 | 15 | 15 | 16 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Industrial and Commercial Machinery, n.e.c.**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 49 | 46 | 48 | 49 | 51 | 53 | 56 |
| Indirect Purchases | 564 | 558 | 582 | 606 | 628 | 645 | 669 |
| Total : | 613 | 604 | 630 | 655 | 679 | 698 | 725 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 49 | 46 | 48 | 49 | 51 | 53 | 56 |
| Indirect Purchases | 564 | 558 | 582 | 606 | 628 | 645 | 669 |
| Total : | 613 | 604 | 630 | 655 | 679 | 698 | 725 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 38 | 36 | 35 | 35 | 35 | 36 | 36 |
| Aircraft Parts | 64 | 61 | 65 | 70 | 76 | 81 | 83 |
| Ammunition | 48 | 46 | 50 | 54 | 58 | 59 | 61 |
| Communication Equipment | 35 | 35 | 37 | 39 | 41 | 43 | 44 |
| Missiles | 14 | 13 | 14 | 14 | 15 | 15 | 16 |
| Motor Vehicles | 31 | 31 | 32 | 35 | 38 | 40 | 43 |
| Shipbuilding | 38 | 34 | 36 | 38 | 43 | 45 | 47 |
| Tanks | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other Electronic Equipment | 10 | 10 | 11 | 11 | 11 | 11 | 12 |
| Other Ordinances | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other | 284 | 288 | 298 | 306 | 307 | 310 | 324 |
| Total : | 564 | 558 | 582 | 606 | 628 | 645 | 669 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Newspaper Publishing and Printing**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------|------|------|------|------|------|------|
| Direct Purchases | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Indirect Purchases | 624 | 594 | 594 | 595 | 596 | 596 | 598 |
| Total : | 626 | 595 | 595 | 596 | 598 | 594 | 599 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|------|------|------|------|------|------|------|
| INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR | | | | | | | |
| Aircraft Engines | 29 | 26 | 25 | 24 | 23 | 23 | 22 |
| Aircraft Parts | 35 | 32 | 33 | 34 | 35 | 37 | 36 |
| Ammunition | 28 | 27 | 28 | 29 | 29 | 29 | 29 |
| Communication Equipment | 50 | 49 | 49 | 50 | 50 | 50 | 49 |
| Missiles | 14 | 13 | 14 | 13 | 14 | 13 | 13 |
| Motor Vehicles | 13 | 12 | 13 | 13 | 14 | 14 | 15 |
| Shipbuilding | 15 | 13 | 14 | 14 | 15 | 15 | 15 |
| Tanks | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Electronic Equipment | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Other Ordinances | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other | 432 | 414 | 412 | 411 | 409 | 405 | 411 |
| Total : | 624 | 594 | 594 | 595 | 596 | 593 | 598 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Broadwoven Fabric Mills**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 131 | 111 | 104 | 105 | 97 | 93 | 102 |
| Indirect Purchases | 492 | 482 | 453 | 486 | 495 | 506 | 542 |
| Total : | 623 | 593 | 557 | 592 | 592 | 599 | 644 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 11 | 10 | 10 | 10 | 10 | 10 | 10 |
| Aircraft Parts | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| Ammunition | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| Communication Equipment | 5 | 5 | 6 | 6 | 6 | 6 | 7 |
| Missiles | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Motor Vehicles | 19 | 19 | 21 | 23 | 25 | 26 | 29 |
| Shipbuilding | 7 | 6 | 7 | 7 | 8 | 8 | 9 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 438 | 428 | 397 | 427 | 432 | 440 | 473 |
| Total : | 492 | 482 | 453 | 486 | 495 | 506 | 542 |

Aircraft Engines
Aircraft Parts
Ammunition
Communication Equipment
Missiles
Motor Vehicles
Shipbuilding
Tanks
Other Electronic Equipment
Other Ordinances
Other

**Projected Defense Purchases of
Telephones, Switchboards, Modems, Faxes, Etc.**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 435 | 437 | 489 | 525 | 556 | 584 | 610 |
| Indirect Purchases | 139 | 135 | 141 | 144 | 148 | 152 | 159 |
| Total: | 573 | 572 | 630 | 669 | 704 | 736 | 769 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Aircraft Parts | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| Ammunition | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Communication Equipment | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Missiles | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Motor Vehicles | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| Shipbuilding | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 129 | 126 | 131 | 133 | 137 | 140 | 147 |
| Total: | 139 | 135 | 141 | 144 | 148 | 152 | 159 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Construction Machinery and Equipment**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|
| SUMMARY OF DEFENSE PURCHASES | | | | | | | |
| Direct Purchases | 493 | 442 | 429 | 454 | 437 | 423 | 442 |
| Indirect Purchases | 130 | 118 | 123 | 129 | 139 | 145 | 149 |
| Total : | 623 | 560 | 552 | 582 | 576 | 568 | 592 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Aircraft Parts | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Ammunition | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Communication Equipment | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Missiles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Vehicles | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Shipbuilding | 115 | 102 | 108 | 114 | 128 | 135 | 138 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 10 | 11 | 10 | 9 | 6 | 4 | 6 |
| Total : | 130 | 118 | 123 | 129 | 139 | 145 | 149 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Miscellaneous Publishing**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 346 | 309 | 306 | 300 | 300 | 284 | 290 |
| Indirect Purchases | 246 | 242 | 250 | 258 | 267 | 273 | 284 |
| Total : | 592 | 551 | 556 | 558 | 567 | 557 | 574 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 10 | 10 | 10 | 9 | 9 | 10 | 10 |
| Aircraft Parts | 13 | 12 | 13 | 14 | 15 | 16 | 16 |
| Ammunition | 10 | 10 | 11 | 11 | 12 | 13 | 13 |
| Communication Equipment | 18 | 18 | 19 | 20 | 21 | 22 | 22 |
| Missiles | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| Motor Vehicles | 5 | 5 | 5 | 6 | 6 | 6 | 7 |
| Shipbuilding | 7 | 6 | 6 | 7 | 7 | 8 | 8 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Other Ordnances | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other | 175 | 173 | 177 | 183 | 187 | 190 | 199 |
| Total : | 246 | 242 | 250 | 258 | 267 | 273 | 284 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Screw Machine Products, Bolts and Nuts**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 25 | 23 | 23 | 23 | 26 | 28 | 33 |
| Indirect Purchases | 528 | 526 | 554 | 577 | 596 | 609 | 627 |
| Total : | 553 | 549 | 577 | 600 | 622 | 637 | 660 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 15 | 14 | 14 | 14 | 14 | 14 | 14 |
| Aircraft Parts | 75 | 70 | 75 | 81 | 87 | 92 | 94 |
| Ammunition | 48 | 47 | 50 | 53 | 57 | 58 | 59 |
| Communication Equipment | 49 | 49 | 52 | 53 | 56 | 58 | 59 |
| Missiles | 8 | 8 | 8 | 8 | 9 | 9 | 9 |
| Motor Vehicles | 30 | 30 | 31 | 34 | 37 | 38 | 42 |
| Shipbuilding | 40 | 36 | 38 | 40 | 44 | 47 | 48 |
| Tanks | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| Other Electronic Equipment | 14 | 14 | 14 | 15 | 15 | 15 | 15 |
| Other Ordinances | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Other | 243 | 253 | 264 | 272 | 271 | 271 | 280 |
| Total : | 528 | 526 | 554 | 577 | 596 | 609 | 627 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Paperboard Containers and Boxes**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 41 | 49 | 56 | 56 | 60 | 63 | 66 |
| Indirect Purchases | 488 | 473 | 485 | 498 | 516 | 530 | 560 |
| Total : | 529 | 522 | 541 | 555 | 575 | 593 | 626 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 41 | 49 | 56 | 56 | 60 | 63 | 66 |
| Indirect Purchases | 488 | 473 | 485 | 498 | 516 | 530 | 560 |
| Total : | 529 | 522 | 541 | 555 | 575 | 593 | 626 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 9 | 8 | 8 | 8 | 8 | 8 | 8 |
| Aircraft Parts | 13 | 12 | 13 | 14 | 15 | 16 | 17 |
| Ammunition | 15 | 15 | 16 | 17 | 18 | 19 | 19 |
| Communication Equipment | 37 | 37 | 39 | 40 | 41 | 43 | 44 |
| Missiles | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| Motor Vehicles | 12 | 12 | 13 | 14 | 15 | 15 | 17 |
| Shipbuilding | 15 | 13 | 14 | 15 | 16 | 17 | 18 |
| Tanks | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Electronic Equipment | 15 | 15 | 15 | 16 | 16 | 16 | 16 |
| Other Ordinances | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other | 365 | 354 | 360 | 368 | 378 | 387 | 414 |
| Total : | 488 | 473 | 485 | 498 | 516 | 530 | 560 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Nonferrous Castings and Forgings**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 4 | 3 | 4 | 4 | 4 | 4 | 5 |
| Indirect Purchases | 495 | 482 | 492 | 503 | 518 | 533 | 545 |
| Total : | 499 | 485 | 496 | 507 | 522 | 538 | 550 |

SUMMARY OF DEFENSE PURCHASES

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 4 | 3 | 4 | 4 | 4 | 4 | 5 |
| Indirect Purchases | 495 | 482 | 492 | 503 | 518 | 533 | 545 |
| Total : | 499 | 485 | 496 | 507 | 522 | 538 | 550 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 281 | 269 | 264 | 259 | 260 | 265 | 267 |
| Aircraft Parts | 49 | 46 | 49 | 53 | 57 | 61 | 63 |
| Ammunition | 47 | 45 | 48 | 52 | 55 | 57 | 58 |
| Communication Equipment | 12 | 12 | 13 | 13 | 14 | 14 | 15 |
| Missiles | 26 | 26 | 27 | 28 | 30 | 30 | 31 |
| Motor Vehicles | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| Shipbuilding | 8 | 7 | 7 | 8 | 9 | 9 | 9 |
| Tanks | 5 | 5 | 5 | 6 | 6 | 5 | 5 |
| Other Electronic Equipment | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| Other Ordinances | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| Other | 62 | 66 | 72 | 78 | 80 | 84 | 88 |
| Total : | 495 | 482 | 492 | 503 | 518 | 533 | 545 |

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Machine Tools, Metal Cutting Types**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 413 | 402 | 386 | 351 | 316 | 295 | 293 |
| Indirect Purchases | 68 | 67 | 69 | 69 | 70 | 72 | 73 |
| Total : | 481 | 468 | 455 | 420 | 386 | 367 | 366 |

SUMMARY OF DEFENSE PURCHASES

| | | | | | | | |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Aircraft Engines | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Aircraft Parts | 10 | 9 | 10 | 11 | 12 | 13 | 13 |
| Ammunition | 5 | 5 | 6 | 6 | 6 | 7 | 7 |
| Communication Equipment | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Missiles | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Motor Vehicles | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| Shipbuilding | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| Tanks | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Other Electronic Equipment | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 36 | 37 | 37 | 36 | 35 | 34 | 35 |
| Total : | 68 | 67 | 69 | 69 | 70 | 72 | 73 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

Note: numbers may not add due to rounding

**Projected Defense Purchases of
Miscellaneous Fabricated Textile Products**
Rounded to Millions of 2000 Dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|
| Direct Purchases | 249 | 240 | 236 | 248 | 262 | 274 | 308 |
| Indirect Purchases | 220 | 223 | 230 | 247 | 262 | 270 | 290 |
| Total : | 469 | 463 | 466 | 495 | 524 | 544 | 599 |

SUMMARY OF DEFENSE PURCHASES

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Aircraft Parts | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Ammunition | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Communication Equipment | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Missiles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Vehicles | 70 | 71 | 77 | 85 | 94 | 97 | 107 |
| Shipbuilding | 25 | 22 | 24 | 25 | 29 | 31 | 32 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 120 | 125 | 124 | 131 | 134 | 137 | 146 |
| Total : | 220 | 223 | 230 | 247 | 262 | 270 | 290 |

INDIRECT DEFENSE PURCHASES BY PURCHASING SECTOR

| | | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| Aircraft Engines | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Aircraft Parts | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Ammunition | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Communication Equipment | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Missiles | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Motor Vehicles | 70 | 71 | 77 | 85 | 94 | 97 | 107 |
| Shipbuilding | 25 | 22 | 24 | 25 | 29 | 31 | 32 |
| Tanks | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Electronic Equipment | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Ordinances | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 120 | 125 | 124 | 131 | 134 | 137 | 146 |
| Total : | 220 | 223 | 230 | 247 | 262 | 270 | 290 |

Note: numbers may not add due to rounding

SECTION III: INDIVIDUAL STATE PROJECTIONS, RDEPPS

The tables in this section give state-level estimates of defense and defense-related expenditures in calendar years 1999 through 2005. A separate table presents estimates for each of the 50 states and the District of Columbia; an additional table is provided for the entire United States. Each table is divided into two parts: the first provides a general overview of projected spending trends over the forecast period; the second presents estimates for the industrial sectors projected to lead in defense or defense-related sales statewide.

The first section of each table presents estimates of direct defense purchases, pay, and indirect defense purchases for each year of the projection period. (For purposes of comparison, projections of nondefense expenditures and of total output—total economic activity—also are provided.)³

The second section provides estimates of the dollar value of direct and indirect purchases from the five industrial sectors projected to lead in defense sales in the state, and the five projected to lead in indirect sales stemming from DoD purchases, over the forecast period.

The industrial *sectors* represented in the tables are aggregates of the *industries* covered in Section II. Industrial projections are made for 320 industries. For purposes of the state-level reports, these are grouped into 85 industrial sectors. Thus, industrial sector 44, "Aerospace," appearing in the state tables, includes four industries: industry 235, "Aircraft"; industry 236, "Aircraft and missile engines, propulsion units, and parts"; industry 237, "Aircraft and missile parts and auxiliary equipment, n.e.c."; and industry 21, "Guided missiles and space vehicles."

Relationship of the RDEPPS State Level Projections to the IDEPPS National Projections

IDEPPS accounts for every budgeted dollar spent by DoD, at home and abroad. RDEPPS accounts for all the dollars that can be attributed to DoD activities that are spent in the U.S. RDEPPS allocates DoD-related spending to the states in which it occurs. The state level RDEPPS projections of defense expenditures differ from the national IDEPPS projections in 4 important ways. (1) Dollars spent in the U.S. includes retirement disbursals, which currently exceed the budgeted DoD contributions to retirement pay. This discrepancy is the reason that total direct RDEPPS spending exceeds total direct IDEPPS spending. (2) IDEPPS projections include all DoD expenditures, while RDEPPS projections include only the portion of DoD

³ Total nondefense expenditures represent the difference between *total output* and *total (direct plus indirect) defense purchases and pay*. Total output is different from, and larger than, gross domestic product (GDP). The calculation of GDP nets out intermediate goods—that is, it does not include the value of intermediate products, which are used to make (or are included in) goods for final sale. Total output includes these intermediate products.

expenditures, and active duty and retirement pay, spent in the U.S. (3) The 85 RDEPPS sectors are aggregations of the 320 IDEPPS industries; for example, the RDEPPS Aerospace (44) sector comprises three IDEPPS industries-Aircraft (235), Aircraft and Missile Engines, Propulsion Units, and Parts (236), and Aircraft and Missile Parts and Auxiliary Equipment, n.e.c. (237). The correspondence between DEPPS industries and sectors, and Standard Industrial Codes, is in the Appendix. (4) Projections of RDEPPS indirect defense expenditures include personal consumption expenditures by DoD personnel (Indirect Defense Purchases Resulting from Direct Pay), and projections of IDEPPS indirect expenditures include only indirect purchases resulting from direct purchases.

Alabama Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 5,952 | 5,800 | 5,762 | 5,787 | 5,793 | 5,802 | 5,868 |
| Indirect Defense Purchases Resulting from Direct Purchases | 2,746 | 2,687 | 2,754 | 2,840 | 2,927 | 2,993 | 3,104 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,298 | 1,263 | 1,230 | 1,214 | 1,202 | 1,198 | 1,206 |
| Total Nondfense Expenditures | 229,031 | 232,939 | 237,846 | 242,733 | 248,091 | 253,419 | 259,307 |
| Total Output | 239,030 | 242,690 | 247,594 | 252,577 | 258,017 | 263,415 | 269,487 |
| Government Industry Compensation | 2,758 | 2,705 | 2,648 | 2,605 | 2,576 | 2,561 | 2,558 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 1,384 | 1,318 | 1,329 | 1,327 | 1,318 | 1,299 | 1,279 |
| Air Transportation | 439 | 441 | 437 | 457 | 465 | 478 | 500 |
| Aerospace | 272 | 264 | 273 | 277 | 284 | 290 | 294 |
| Construction | 158 | 151 | 152 | 163 | 163 | 161 | 161 |
| Apparel and Household Textiles | 146 | 145 | 130 | 142 | 147 | 152 | 166 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 1,052 | 1,028 | 1,051 | 1,075 | 1,098 | 1,114 | 1,138 |
| Wholesale Trade | 108 | 106 | 110 | 113 | 118 | 121 | 126 |
| Other Nonferrous Metals | 98 | 97 | 100 | 103 | 105 | 107 | 110 |
| Ferrous Metals | 92 | 88 | 90 | 93 | 96 | 97 | 99 |
| Metal Products | 79 | 78 | 83 | 87 | 92 | 96 | 100 |

Alaska Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 1,938 | 1,895 | 1,881 | 1,913 | 1,932 | 1,960 | 2,030 |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,305 | 1,266 | 1,284 | 1,336 | 1,379 | 1,411 | 1,485 |
| Indirect Defense Purchases Resulting from Direct Pay | 418 | 407 | 397 | 392 | 388 | 387 | 389 |
| Total Nondefense Expenditures | 39,894 | 40,640 | 41,216 | 41,660 | 42,208 | 42,784 | 43,391 |
| Total Output | 43,555 | 44,209 | 44,778 | 45,301 | 45,907 | 46,541 | 47,295 |
| Government Industry Compensation | 1,027 | 1,009 | 986 | 981 | 976 | 977 | 986 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 194 | 185 | 187 | 202 | 203 | 201 | 202 |
| Construction | 147 | 146 | 155 | 160 | 170 | 184 | 198 |
| Communications Services | 141 | 134 | 138 | 146 | 148 | 148 | 150 |
| Research Labs, Computer and Engineering Services | 103 | 106 | 108 | 108 | 108 | 109 | 112 |
| Real Estate | 92 | 91 | 83 | 89 | 90 | 93 | 102 |
| Trucking and Highway Passenger Transit | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 845 | 820 | 828 | 864 | 889 | 905 | 944 |
| Real Estate | 107 | 105 | 109 | 118 | 123 | 127 | 133 |
| Research Labs, Computer and Engineering Services | 76 | 71 | 71 | 70 | 75 | 79 | 93 |
| Crude Oil | 37 | 36 | 38 | 39 | 41 | 42 | 44 |
| Electric Utilities | 27 | 26 | 27 | 27 | 27 | 28 | 28 |
| Air Transportation | | | | | | | |

Arizona Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures | 5,435 | 5,344 | 5,450 | 5,544 | 5,638 | 5,713 | 5,811 |
| Indirect Defense Purchases Resulting from Direct Purchases | 2,156 | 2,135 | 2,218 | 2,314 | 2,406 | 2,487 | 2,591 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,347 | 1,319 | 1,288 | 1,274 | 1,264 | 1,263 | 1,274 |
| Total Nondefense Expenditures | 218,775 | 224,222 | 229,987 | 236,288 | 242,848 | 249,480 | 256,533 |
| Total Output | 227,715 | 233,022 | 238,945 | 245,422 | 252,160 | 258,947 | 266,212 |
| Government Industry Compensation | 2,233 | 2,195 | 2,152 | 2,132 | 2,114 | 2,105 | 2,107 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Aerospace | 1,350 | 1,334 | 1,405 | 1,461 | 1,515 | 1,560 | 1,597 |
| Research Labs, Computer and Engineering Services | 529 | 509 | 523 | 529 | 532 | 530 | 529 |
| Instruments | 328 | 329 | 344 | 362 | 381 | 390 | 395 |
| Metal Products | 166 | 164 | 179 | 191 | 208 | 216 | 221 |
| Other Nonelectrical Machinery | 154 | 161 | 175 | 180 | 177 | 182 | 188 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Communications Equipment and Electronic Components | 415 | 429 | 465 | 499 | 532 | 561 | 587 |
| Research Labs, Computer and Engineering Services | 402 | 397 | 413 | 428 | 443 | 454 | 471 |
| Aerospace | 269 | 261 | 266 | 273 | 280 | 289 | 294 |
| Finance and Insurance | 105 | 104 | 106 | 110 | 114 | 117 | 123 |
| Wholesale Trade | 92 | 91 | 94 | 97 | 102 | 105 | 111 |

Arkansas Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 1,219 | 1,200 | 1,189 | 1,195 | 1,199 | 1,205 | 1,228 |
| Indirect Defense Purchases Resulting from Direct Purchases | 928 | 909 | 936 | 970 | 1,008 | 1,039 | 1,094 |
| Indirect Defense Purchases Resulting from Direct Pay | 544 | 528 | 513 | 505 | 498 | 495 | 496 |
| Total Nondefense Expenditures | 132,518 | 134,761 | 137,983 | 140,964 | 144,238 | 147,618 | 151,483 |
| Total Output | 135,213 | 137,401 | 140,624 | 143,636 | 146,949 | 150,364 | 154,308 |
| Government Industry Compensation | 883 | 867 | 851 | 842 | 834 | 830 | 829 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 56 | 53 | 54 | 58 | 58 | 57 | 58 |
| Construction | 36 | 36 | 33 | 35 | 35 | 37 | 40 |
| Trucking and Highway Passenger Transit | 26 | 26 | 23 | 26 | 26 | 27 | 29 |
| Shoes and Leather | 26 | 26 | 27 | 29 | 30 | 31 | 32 |
| Aerospace | 27 | 25 | 25 | 25 | 28 | 31 | 38 |
| Food and Tobacco | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 61 | 61 | 63 | 65 | 68 | 71 | 75 |
| Wholesale Trade | 61 | 60 | 62 | 63 | 65 | 66 | 67 |
| Other Nonferrous Metals | 59 | 58 | 60 | 63 | 67 | 69 | 72 |
| Metal Products | 49 | 49 | 49 | 52 | 54 | 56 | 60 |
| Trucking and Highway Passenger Transit | 44 | 44 | 45 | 46 | 47 | 48 | 50 |
| Paper | | | | | | | |

California Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 42,249 | 41,181 | 41,681 | 42,370 | 43,191 | 43,725 | 44,834 |
| Indirect Defense Purchases Resulting from Direct Purchases | 17,207 | 16,893 | 17,403 | 17,996 | 18,625 | 19,154 | 19,974 |
| Indirect Defense Purchases Resulting from Direct Pay | 8,503 | 8,289 | 8,073 | 7,970 | 7,889 | 7,867 | 7,915 |
| Total Nondefense Expenditures | 1,695,448 | 1,729,219 | 1,767,743 | 1,807,445 | 1,849,853 | 1,893,358 | 1,940,428 |
| Total Output | 1,763,360 | 1,795,555 | 1,834,871 | 1,875,743 | 1,919,494 | 1,964,029 | 2,013,079 |
| Government Industry Compensation | 15,213 | 14,931 | 14,611 | 14,423 | 14,286 | 14,229 | 14,249 |

LARGEST PURCHASES BY INDUSTRIAL SECTORS

| | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|
| Total Direct Expenditures (Purchases and Pay) | 7,273 | 6,948 | 7,044 | 7,099 | 7,088 | 7,016 | 6,941 |
| Research Labs, Computer and Engineering Services | 6,574 | 6,471 | 6,759 | 7,018 | 7,262 | 7,459 | 7,587 |
| Aerospace | 2,143 | 2,158 | 2,307 | 2,545 | 2,798 | 2,886 | 3,158 |
| Motor Vehicles | 1,520 | 1,514 | 1,601 | 1,644 | 1,694 | 1,751 | 1,789 |
| Communications Equipment and Electronic Components | 1,270 | 1,277 | 1,352 | 1,426 | 1,504 | 1,542 | 1,571 |
| Instruments | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 5,530 | 5,419 | 5,571 | 5,752 | 5,904 | 6,014 | 6,175 |
| Research Labs, Computer and Engineering Services | 1,401 | 1,422 | 1,526 | 1,615 | 1,708 | 1,796 | 1,881 |
| Communications Equipment and Electronic Components | 1,139 | 1,097 | 1,118 | 1,147 | 1,179 | 1,222 | 1,248 |
| Aerospace | 860 | 847 | 881 | 917 | 958 | 992 | 1,047 |
| Wholesale Trade | 739 | 728 | 745 | 771 | 798 | 821 | 863 |
| Finance and Insurance | | | | | | | |

Colorado Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Defense Purchases Resulting from Direct Purchases | 5,705 | 5,526 | 5,479 | 5,458 | 5,461 | 5,469 | 5,482 |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,987 | 1,945 | 2,003 | 2,070 | 2,143 | 2,205 | 2,309 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,419 | 1,384 | 1,346 | 1,327 | 1,313 | 1,309 | 1,317 |
| Total Nondefense Expenditures | 234,905 | 239,397 | 244,609 | 250,070 | 256,277 | 262,708 | 270,047 |
| Total Output | 244,017 | 248,252 | 253,437 | 258,926 | 265,194 | 271,691 | 279,155 |
| Government Industry Compensation | 2,614 | 2,568 | 2,516 | 2,489 | 2,467 | 2,457 | 2,460 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Communications Equipment and Electronic Components | 1,024 | 971 | 956 | 941 | 943 | 945 | 931 |
| Aerospace | 841 | 797 | 785 | 776 | 776 | 775 | 763 |
| Research Labs, Computer and Engineering Services | 630 | 607 | 621 | 630 | 633 | 631 | 631 |
| Construction | 147 | 142 | 145 | 154 | 155 | 154 | 155 |
| Instruments | 54 | 54 | 57 | 59 | 62 | 63 | 64 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 479 | 473 | 491 | 510 | 527 | 541 | 562 |
| Communications Equipment and Electronic Components | 127 | 125 | 132 | 137 | 142 | 148 | 154 |
| Real Estate | 115 | 112 | 113 | 118 | 121 | 123 | 129 |
| Finance and Insurance | 109 | 108 | 111 | 116 | 121 | 125 | 133 |
| Wholesale Trade | 109 | 107 | 111 | 115 | 120 | 123 | 129 |

Connecticut Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 4,113 | 3,880 | 3,987 | 4,111 | 4,291 | 4,392 | 4,482 |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,680 | 1,648 | 1,697 | 1,753 | 1,810 | 1,859 | 1,924 |
| Indirect Defense Purchases Resulting from Direct Pay | 654 | 637 | 617 | 608 | 600 | 596 | 597 |
| Total Nondefense Expenditures | 192,795 | 196,169 | 200,083 | 204,632 | 209,240 | 213,873 | 218,761 |
| Total Output | 199,244 | 202,335 | 206,385 | 211,104 | 215,941 | 220,720 | 225,764 |
| Government Industry Compensation | 750 | 736 | 720 | 712 | 705 | 703 | 705 |

LARGEST PURCHASES BY INDUSTRIAL SECTORS

| | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|
| Total Direct Expenditures (Purchases and Pay) | 1,454 | 1,302 | 1,358 | 1,421 | 1,562 | 1,636 | 1,659 |
| Ships and Boats | 686 | 684 | 728 | 767 | 801 | 829 | 850 |
| Aerospace | 329 | 315 | 322 | 327 | 328 | 327 | 324 |
| Research Labs, Computer and Engineering Services | 114 | 117 | 127 | 131 | 130 | 133 | 139 |
| Other Nonelectrical Machinery | 109 | 94 | 87 | 91 | 82 | 76 | 75 |
| Electric Industrial Appliances and Distribution Equipment | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 349 | 344 | 353 | 363 | 373 | 386 | 393 |
| Aerospace | 250 | 246 | 254 | 265 | 274 | 280 | 289 |
| Research Labs, Computer and Engineering Services | 153 | 151 | 154 | 159 | 163 | 168 | 175 |
| Finance and Insurance | 102 | 102 | 109 | 115 | 121 | 126 | 131 |
| Communications Equipment and Electronic Components | 98 | 96 | 100 | 104 | 109 | 113 | 119 |
| Wholesale Trade | | | | | | | |

Delaware Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 1,178 | 1,155 | 1,167 | 1,182 | 1,194 | 1,205 | 1,227 |
| Indirect Defense Purchases Resulting from Direct Purchases | 344 | 337 | 347 | 359 | 373 | 385 | 407 |
| Indirect Defense Purchases Resulting from Direct Pay | 230 | 224 | 219 | 216 | 213 | 213 | 214 |
| Total Nondefense Expenditures | 54,558 | 55,496 | 57,024 | 58,248 | 59,500 | 60,862 | 62,394 |
| Total Output | 56,310 | 57,213 | 58,757 | 60,005 | 61,281 | 62,666 | 64,243 |
| Government Industry Compensation | 392 | 385 | 377 | 375 | 372 | 371 | 373 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Medical Instruments and Supplies | 579 | 566 | 587 | 596 | 608 | 617 | 628 |
| Trucking and Highway Passenger Transit | 59 | 58 | 53 | 57 | 58 | 60 | 65 |
| Construction | 40 | 39 | 40 | 42 | 42 | 42 | 42 |
| Federal, State, and Local Government Enterprises | 32 | 31 | 33 | 33 | 33 | 34 | 35 |
| Research Labs, Computer and Engineering Services | 20 | 19 | 19 | 20 | 19 | 19 | 19 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Other Chemicals | 90 | 87 | 90 | 92 | 95 | 98 | 102 |
| Finance and Insurance | 40 | 39 | 39 | 40 | 41 | 42 | 44 |
| Petroleum Refining | 22 | 22 | 22 | 23 | 25 | 27 | 31 |
| Wholesale Trade | 21 | 21 | 22 | 23 | 24 | 24 | 26 |
| Research Labs, Computer and Engineering Services | 15 | 15 | 15 | 16 | 16 | 16 | 17 |

District of Columbia Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------|--------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 3,179 | 3,103 | 3,100 | 3,100 | 3,119 | 3,142 | 3,225 |
| Indirect Defense Purchases Resulting from Direct Purchases | 732 | 719 | 747 | 769 | 793 | 813 | 845 |
| Indirect Defense Purchases Resulting from Direct Pay | 655 | 637 | 619 | 610 | 603 | 601 | 603 |
| Total Nondefense Expenditures | 93,171 | 94,873 | 96,103 | 97,552 | 99,197 | 100,877 | 102,686 |
| Total Output | 97,736 | 99,332 | 100,569 | 102,032 | 103,713 | 105,433 | 107,360 |
| Government Industry Compensation | 1,604 | 1,571 | 1,532 | 1,503 | 1,487 | 1,481 | 1,485 |

LARGEST PURCHASES BY INDUSTRIAL SECTORS

| | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|
| Total Direct Expenditures (Purchases and Pay) | 587 | 567 | 585 | 591 | 595 | 595 | 598 |
| Research Labs, Computer and Engineering Services | 280 | 273 | 286 | 287 | 305 | 319 | 356 |
| Communications Services | 159 | 156 | 151 | 157 | 158 | 160 | 169 |
| Water Transportation | 128 | 125 | 132 | 137 | 139 | 140 | 141 |
| Construction | 92 | 92 | 83 | 89 | 90 | 93 | 102 |
| Trucking and Highway Passenger Transit | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 446 | 442 | 462 | 479 | 496 | 510 | 532 |
| Research Labs, Computer and Engineering Services | 45 | 41 | 44 | 43 | 43 | 42 | 41 |
| Nonautomotive Repair Services, Hotels, and Lodging | 32 | 31 | 32 | 33 | 34 | 35 | 37 |
| Automobile Repairs | 31 | 30 | 31 | 32 | 33 | 34 | 36 |
| Communications Services | 28 | 28 | 29 | 30 | 31 | 32 | 33 |
| Electric Utilities | | | | | | | |

Florida Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Defense Purchases Resulting from Direct Purchases | 15,973 | 15,646 | 15,729 | 15,887 | 16,026 | 16,135 | 16,280 |
| Indirect Defense Purchases Resulting from Direct Pay | 5,064 | 5,014 | 5,200 | 5,428 | 5,651 | 5,842 | 6,111 |
| Total Nondefense Expenditures | 4,862 | 4,756 | 4,643 | 4,596 | 4,560 | 4,556 | 4,592 |
| Total Output | 714,333 | 730,072 | 748,383 | 766,389 | 785,856 | 805,747 | 827,802 |
| Government Industry Compensation | 740,287 | 755,520 | 773,991 | 792,345 | 812,168 | 832,369 | 854,871 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Aerospace | 2,006 | 1,963 | 2,040 | 2,098 | 2,161 | 2,211 | 2,250 |
| Research Labs, Computer and Engineering Services | 1,648 | 1,589 | 1,634 | 1,677 | 1,697 | 1,695 | 1,689 |
| Communications Equipment and Electronic Components | 1,297 | 1,263 | 1,283 | 1,294 | 1,319 | 1,351 | 1,351 |
| Instruments | 490 | 491 | 521 | 547 | 574 | 588 | 600 |
| Construction | 431 | 414 | 423 | 452 | 454 | 452 | 455 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 1,253 | 1,239 | 1,292 | 1,359 | 1,413 | 1,453 | 1,503 |
| Wholesale Trade | 373 | 369 | 386 | 404 | 424 | 441 | 468 |
| Communications Equipment and Electronic Components | 363 | 364 | 391 | 415 | 441 | 466 | 489 |
| Finance and Insurance | 349 | 347 | 357 | 373 | 387 | 400 | 421 |
| Movies and Amusements | 315 | 316 | 327 | 336 | 345 | 356 | 366 |

Georgia Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 10,739 | 10,439 | 10,359 | 10,396 | 10,448 | 10,503 | 10,594 |
| Indirect Defense Purchases Resulting from Direct Purchases | 3,932 | 3,848 | 3,944 | 4,083 | 4,232 | 4,366 | 4,575 |
| Indirect Defense Purchases Resulting from Direct Pay | 2,662 | 2,600 | 2,538 | 2,511 | 2,490 | 2,487 | 2,506 |
| Total Nondefense Expenditures | 446,659 | 457,218 | 469,260 | 481,118 | 494,077 | 507,171 | 521,157 |
| Total Output | 463,986 | 474,101 | 486,096 | 498,103 | 511,240 | 524,519 | 538,822 |
| Government Industry Compensation | 5,254 | 5,158 | 5,046 | 4,994 | 4,953 | 4,939 | 4,956 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 3,136 | 2,993 | 2,985 | 2,983 | 3,008 | 3,024 | 2,998 |
| Aerospace | 464 | 449 | 463 | 477 | 483 | 484 | 486 |
| Research Labs, Computer and Engineering Services | 282 | 270 | 275 | 294 | 295 | 293 | 294 |
| Construction | 270 | 270 | 244 | 262 | 265 | 275 | 302 |
| Trucking and Highway Passenger Transit | 200 | 194 | 196 | 197 | 198 | 201 | 203 |
| Electric Utilities | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 372 | 369 | 388 | 391 | 406 | 421 | 440 |
| Real Estate | 353 | 350 | 366 | 386 | 402 | 415 | 432 |
| Research Labs, Computer and Engineering Services | 328 | 307 | 310 | 317 | 326 | 341 | 352 |
| Aerospace | 285 | 268 | 260 | 266 | 271 | 276 | 286 |
| Electric Utilities | 271 | 268 | 278 | 290 | 304 | 314 | 332 |

Hawaii Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures Resulting from Direct Purchases | 4,075 | 3,993 | 3,932 | 3,960 | 3,962 | 3,982 | 4,062 |
| Indirect Defense Purchases Resulting from Direct Purchases | 690 | 678 | 698 | 726 | 750 | 770 | 806 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,158 | 1,129 | 1,101 | 1,088 | 1,078 | 1,077 | 1,085 |
| Total Nondefense Expenditures | 98,803 | 101,065 | 102,703 | 104,319 | 106,336 | 108,462 | 110,760 |
| Total Output | 104,725 | 106,864 | 108,433 | 110,091 | 112,126 | 114,289 | 116,712 |
| Government Industry Compensation | 2,834 | 2,781 | 2,715 | 2,688 | 2,668 | 2,664 | 2,680 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Construction | 390 | 377 | 388 | 410 | 413 | 412 | 415 |
| Trucking and Highway Passenger Transit | 274 | 274 | 248 | 266 | 269 | 279 | 307 |
| Research Labs, Computer and Engineering Services | 192 | 184 | 189 | 197 | 199 | 199 | 201 |
| Electric Utilities | 72 | 73 | 79 | 80 | 82 | 84 | 86 |
| Nonautomotive Repair Services, Hotels, and Lodging | 31 | 31 | 34 | 34 | 35 | 35 | 35 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 146 | 143 | 149 | 160 | 165 | 170 | 179 |
| Electric Utilities | 102 | 101 | 105 | 108 | 113 | 116 | 122 |
| Real Estate | 64 | 62 | 63 | 65 | 67 | 69 | 71 |
| Automobile Repairs | 42 | 42 | 42 | 44 | 45 | 47 | 49 |
| Air Transportation | 38 | 38 | 39 | 40 | 41 | 42 | 43 |

Idaho Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 554 | 541 | 535 | 538 | 537 | 536 | 542 |
| Indirect Defense Purchases Resulting from Direct Purchases | 464 | 464 | 485 | 508 | 530 | 549 | 575 |
| Indirect Defense Purchases Resulting from Direct Pay | 274 | 268 | 262 | 259 | 257 | 258 | 260 |
| Total Nondefense Expenditures | 63,000 | 64,381 | 66,079 | 67,726 | 69,495 | 71,279 | 73,213 |
| Total Output | 64,293 | 65,655 | 67,361 | 69,031 | 70,819 | 72,623 | 74,591 |
| Government Industry Compensation | 411 | 404 | 396 | 393 | 390 | 389 | 389 |

LARGEST PURCHASES BY INDUSTRIAL SECTORS

| | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|
| Total Direct Expenditures (Purchases and Pay) | 47 | 45 | 46 | 49 | 49 | 49 | 49 |
| Construction | 40 | 37 | 37 | 39 | 38 | 37 | 37 |
| Research Labs, Computer and Engineering Services | 11 | 11 | 11 | 12 | 12 | 12 | 13 |
| Computers | 10 | 10 | 11 | 11 | 11 | 11 | 12 |
| Electric Utilities | 10 | 9 | 9 | 9 | 10 | 11 | 13 |
| Food and Tobacco | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 142 | 150 | 162 | 173 | 184 | 194 | 204 |
| Communications Equipment and Electronic Components | 35 | 35 | 36 | 37 | 39 | 40 | 42 |
| Wholesale Trade | 31 | 29 | 29 | 31 | 32 | 32 | 33 |
| Research Labs, Computer and Engineering Services | 25 | 24 | 25 | 26 | 26 | 27 | 28 |
| Finance and Insurance | 19 | 19 | 20 | 21 | 22 | 22 | 22 |
| Computers | | | | | | | |

Illinois Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures Resulting from Direct Purchases | 4,344 | 4,242 | 4,222 | 4,280 | 4,310 | 4,339 | 4,448 |
| Indirect Defense Purchases Resulting from Direct Purchases | 4,930 | 4,801 | 4,914 | 5,073 | 5,247 | 5,386 | 5,642 |
| Indirect Defense Purchases Resulting from Direct Pay | 2,316 | 2,256 | 2,191 | 2,160 | 2,134 | 2,124 | 2,132 |
| Total Nondefense Expenditures | 713,297 | 722,540 | 736,980 | 750,838 | 766,238 | 781,506 | 798,440 |
| Total Output | 724,891 | 733,842 | 748,309 | 762,354 | 777,934 | 793,360 | 810,667 |
| Government Industry Compensation | 2,420 | 2,375 | 2,323 | 2,298 | 2,279 | 2,273 | 2,281 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 238 | 227 | 232 | 237 | 238 | 236 | 236 |
| Construction | 233 | 224 | 229 | 245 | 246 | 245 | 247 |
| Metal Products | 212 | 208 | 225 | 237 | 254 | 261 | 267 |
| Construction, Mining, and Oil Field Equipment | 181 | 169 | 170 | 182 | 185 | 183 | 194 |
| Aerospace | 156 | 154 | 162 | 170 | 176 | 181 | 186 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Finance and Insurance | 424 | 416 | 423 | 437 | 450 | 461 | 481 |
| Wholesale Trade | 416 | 407 | 420 | 434 | 451 | 464 | 486 |
| Metal Products | 318 | 309 | 322 | 335 | 350 | 360 | 373 |
| Communications Equipment and Electronic Components | 293 | 282 | 290 | 295 | 304 | 314 | 325 |
| Printing and Publishing | 225 | 219 | 224 | 229 | 234 | 237 | 244 |

Indiana Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures | 3,395 | 3,345 | 3,414 | 3,448 | 3,498 | 3,564 | 3,665 |
| Indirect Defense Purchases Resulting from Direct Purchases | 3,031 | 2,968 | 3,068 | 3,181 | 3,303 | 3,396 | 3,547 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,168 | 1,145 | 1,118 | 1,107 | 1,100 | 1,100 | 1,109 |
| Total Nondefense Expenditures | 357,947 | 363,468 | 372,185 | 380,658 | 389,511 | 398,324 | 408,073 |
| Total Output | 365,558 | 370,936 | 379,795 | 388,408 | 397,433 | 406,408 | 416,417 |
| Government Industry Compensation | 1,365 | 1,337 | 1,307 | 1,276 | 1,258 | 1,249 | 1,244 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Communications Equipment and Electronic Components | 550 | 558 | 595 | 618 | 644 | 677 | 691 |
| Research Labs, Computer and Engineering Services | 500 | 489 | 513 | 526 | 536 | 541 | 548 |
| Other Nonelectrical Machinery | 245 | 256 | 279 | 288 | 283 | 289 | 298 |
| Aerospace | 193 | 189 | 197 | 206 | 212 | 217 | 222 |
| Petroleum Refining | 54 | 50 | 50 | 50 | 55 | 60 | 73 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 380 | 381 | 405 | 426 | 447 | 464 | 488 |
| Ferrous Metals | 331 | 316 | 325 | 332 | 341 | 345 | 351 |
| Other Nonferrous Metals | 235 | 231 | 240 | 248 | 257 | 263 | 271 |
| Metal Products | 210 | 206 | 216 | 225 | 236 | 244 | 253 |
| Wholesale Trade | 156 | 153 | 159 | 165 | 172 | 177 | 186 |

Iowa Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures Resulting from Direct Purchases | 980 | 960 | 983 | 1,007 | 1,025 | 1,043 | 1,058 |
| Indirect Defense Purchases Resulting from Direct Purchases | 898 | 879 | 916 | 954 | 993 | 1,024 | 1,073 |
| Indirect Defense Purchases Resulting from Direct Pay | 455 | 443 | 429 | 422 | 416 | 412 | 413 |
| Total Nondefense Expenditures | 157,485 | 159,707 | 163,335 | 166,532 | 170,057 | 173,413 | 177,216 |
| Total Output | 159,819 | 161,989 | 165,663 | 168,914 | 172,493 | 175,893 | 179,760 |
| Government Industry Compensation | 299 | 293 | 288 | 284 | 281 | 280 | 279 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Communications Equipment and Electronic Components | 272 | 272 | 285 | 293 | 303 | 316 | 320 |
| Metal Products | 103 | 102 | 112 | 120 | 131 | 136 | 140 |
| Aerospace | 72 | 72 | 77 | 81 | 85 | 87 | 90 |
| Instruments | 54 | 53 | 54 | 56 | 59 | 59 | 60 |
| Construction, Mining, and Oil Field Equipment | 48 | 40 | 36 | 37 | 31 | 28 | 27 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Wholesale Trade | 92 | 91 | 94 | 97 | 102 | 105 | 110 |
| Finance and Insurance | 83 | 82 | 83 | 86 | 88 | 90 | 94 |
| Automobile Repairs | 54 | 53 | 66 | 74 | 80 | 86 | 91 |
| Metal Products | 51 | 50 | 52 | 55 | 57 | 59 | 61 |
| Other Nonferrous Metals | 48 | 47 | 49 | 50 | 52 | 53 | 54 |

Kansas Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 2,214 | 2,177 | 2,190 | 2,217 | 2,238 | 2,264 | 2,316 |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,250 | 1,224 | 1,259 | 1,303 | 1,357 | 1,404 | 1,484 |
| Indirect Defense Purchases Resulting from Direct Pay | 739 | 719 | 700 | 691 | 683 | 680 | 683 |
| Total Nondefense Expenditures | 147,706 | 149,761 | 153,020 | 156,717 | 160,427 | 163,949 | 167,587 |
| Total Output | 151,911 | 153,882 | 157,170 | 160,929 | 164,707 | 168,300 | 172,073 |
| Government Industry Compensation | 1,278 | 1,256 | 1,229 | 1,220 | 1,212 | 1,210 | 1,216 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Aerospace | 474 | 469 | 500 | 516 | 536 | 552 | 572 |
| Construction | 101 | 97 | 99 | 105 | 106 | 106 | 106 |
| Research Labs, Computer and Engineering Services | 84 | 82 | 85 | 88 | 90 | 90 | 92 |
| Electric Utilities | 38 | 38 | 41 | 42 | 43 | 44 | 45 |
| Trucking and Highway Passenger Transit | 32 | 32 | 29 | 31 | 32 | 33 | 36 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Aerospace | 281 | 279 | 290 | 301 | 312 | 323 | 331 |
| Wholesale Trade | 83 | 82 | 85 | 89 | 92 | 95 | 100 |
| Petroleum Refining | 84 | 80 | 80 | 81 | 87 | 91 | 103 |
| Research Labs, Computer and Engineering Services | 64 | 64 | 68 | 72 | 75 | 77 | 82 |
| Crude Oil | 63 | 59 | 59 | 59 | 63 | 67 | 78 |

Kentucky Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 3,291 | 3,211 | 3,167 | 3,195 | 3,232 | 3,275 | 3,421 |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,613 | 1,580 | 1,628 | 1,686 | 1,751 | 1,801 | 1,892 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,126 | 1,098 | 1,070 | 1,057 | 1,047 | 1,045 | 1,051 |
| Total Nondefense Expenditures | 218,810 | 221,568 | 226,403 | 230,651 | 235,129 | 239,618 | 244,495 |
| Total Output | 224,844 | 227,460 | 232,271 | 236,593 | 241,165 | 245,747 | 250,867 |
| Government Industry Compensation | 2,050 | 2,014 | 1,969 | 1,954 | 1,941 | 1,939 | 1,951 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Other Medical Services | 316 | 293 | 297 | 294 | 326 | 353 | 432 |
| Research Labs, Computer and Engineering Services | 168 | 165 | 174 | 180 | 184 | 186 | 190 |
| Railroads | 162 | 162 | 147 | 157 | 159 | 165 | 181 |
| Construction | 147 | 140 | 140 | 152 | 152 | 150 | 150 |
| Apparel and Household Textiles | 43 | 43 | 38 | 42 | 43 | 45 | 49 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 128 | 129 | 137 | 146 | 153 | 160 | 169 |
| Other Nonferrous Metals | 110 | 108 | 112 | 116 | 120 | 123 | 127 |
| Wholesale Trade | 98 | 96 | 100 | 103 | 107 | 111 | 116 |
| Petroleum Refining | 94 | 90 | 90 | 92 | 97 | 102 | 115 |
| Coal Mining | 78 | 76 | 79 | 81 | 84 | 86 | 89 |

Louisiana Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 3,556 | 3,395 | 3,393 | 3,445 | 3,563 | 3,649 | 3,829 |
| Indirect Defense Purchases Resulting from Direct Purchases | 2,177 | 2,111 | 2,146 | 2,202 | 2,310 | 2,402 | 2,624 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,026 | 1,001 | 974 | 962 | 951 | 948 | 952 |
| Total Nondefense Expenditures | 235,106 | 239,168 | 243,758 | 247,763 | 252,022 | 256,621 | 261,621 |
| Total Output | 241,850 | 245,666 | 250,262 | 254,359 | 258,826 | 263,595 | 269,003 |
| Government Industry Compensation | 1,605 | 1,577 | 1,544 | 1,529 | 1,517 | 1,512 | 1,516 |

LARGEST PURCHASES BY INDUSTRIAL SECTORS

| | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|
| Total Direct Expenditures (Purchases and Pay) | 607 | 538 | 572 | 603 | 678 | 720 | 736 |
| Ships and Boats | 272 | 253 | 254 | 252 | 279 | 302 | 371 |
| Petroleum Refining | 237 | 232 | 225 | 234 | 236 | 239 | 251 |
| Water Transportation | 241 | 224 | 224 | 223 | 246 | 267 | 328 |
| Fuel Oil | 221 | 209 | 207 | 226 | 225 | 221 | 222 |
| Construction | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 445 | 422 | 423 | 425 | 459 | 489 | 574 |
| Crude Oil | 383 | 368 | 371 | 376 | 399 | 419 | 475 |
| Petroleum Refining | 141 | 137 | 140 | 144 | 148 | 150 | 156 |
| Other Chemicals | 107 | 106 | 110 | 114 | 119 | 123 | 130 |
| Wholesale Trade | 89 | 87 | 90 | 91 | 93 | 95 | 97 |
| Natural Gas | | | | | | | |

Maine Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 1,954 | 1,811 | 1,854 | 1,908 | 2,044 | 2,125 | 2,173 |
| Indirect Defense Purchases Resulting from Direct Purchases | 376 | 370 | 379 | 394 | 408 | 420 | 438 |
| Indirect Defense Purchases Resulting from Direct Pay | 372 | 364 | 355 | 351 | 349 | 348 | 351 |
| Total Nondefense Expenditures | 64,835 | 65,913 | 67,226 | 68,569 | 70,036 | 71,507 | 73,091 |
| Total Output | 67,537 | 68,457 | 69,814 | 71,222 | 72,837 | 74,401 | 76,054 |
| Government Industry Compensation | 682 | 668 | 654 | 641 | 633 | 628 | 627 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 1,030 | 907 | 965 | 1,023 | 1,160 | 1,239 | 1,268 |
| Ships and Boats | 38 | 38 | 41 | 43 | 44 | 45 | 46 |
| Construction | 36 | 36 | 38 | 39 | 39 | 40 | 41 |
| Metal Products | 34 | 34 | 30 | 33 | 34 | 35 | 37 |
| Medical Instruments and Supplies | 31 | 31 | 28 | 30 | 31 | 32 | 35 |
| Trucking and Highway Passenger Transit | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 64 | 65 | 70 | 74 | 78 | 82 | 85 |
| Communications Equipment and Electronic Components | 53 | 52 | 53 | 54 | 55 | 56 | 58 |
| Paper | 34 | 33 | 34 | 35 | 37 | 38 | 40 |
| Wholesale Trade | 28 | 28 | 28 | 29 | 30 | 30 | 32 |
| Finance and Insurance | 19 | 19 | 20 | 21 | 22 | 23 | |
| Aerospace | | | | | | | |

Maryland Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 11,075 | 10,840 | 10,911 | 11,069 | 11,233 | 11,358 | 11,614 |
| Indirect Defense Purchases Resulting from Direct Purchases | 4,189 | 4,116 | 4,209 | 4,376 | 4,526 | 4,650 | 4,863 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,978 | 1,930 | 1,882 | 1,861 | 1,845 | 1,842 | 1,856 |
| Total Nondefense Expenditures | 324,982 | 331,516 | 338,098 | 344,812 | 352,362 | 360,183 | 368,692 |
| Total Output | 342,217 | 348,397 | 355,095 | 362,112 | 369,957 | 378,023 | 387,016 |
| Government Industry Compensation | 4,225 | 4,140 | 4,046 | 3,969 | 3,921 | 3,899 | 3,897 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 2,289 | 2,207 | 2,268 | 2,295 | 2,310 | 2,304 | 2,303 |
| Research Labs, Computer and Engineering Services | 638 | 632 | 698 | 751 | 828 | 865 | 890 |
| Metal Products | 461 | 457 | 415 | 448 | 454 | 467 | 502 |
| Nonautomotive Repair Services, Hotels, and Lodging | 442 | 445 | 473 | 488 | 506 | 528 | 539 |
| Communications Equipment and Electronic Components | 446 | 444 | 402 | 430 | 435 | 449 | 492 |
| Trucking and Highway Passenger Transit | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,741 | 1,721 | 1,793 | 1,860 | 1,924 | 1,975 | 2,049 |
| Research Labs, Computer and Engineering Services | 536 | 519 | 495 | 524 | 537 | 550 | 584 |
| Nonautomotive Repair Services, Hotels, and Lodging | 319 | 309 | 312 | 326 | 335 | 341 | 356 |
| Real Estate | 202 | 199 | 202 | 210 | 217 | 224 | 236 |
| Automobile Repairs | 137 | 135 | 140 | 146 | 153 | 159 | 168 |
| Wholesale Trade | | | | | | | |

Massachusetts Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 7,879 | 7,670 | 7,814 | 7,933 | 8,037 | 8,110 | 8,165 |
| Indirect Defense Purchases Resulting from Direct Purchases | 4,573 | 4,473 | 4,581 | 4,721 | 4,854 | 4,953 | 5,092 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,176 | 1,144 | 1,108 | 1,090 | 1,073 | 1,065 | 1,065 |
| Total Nondefense Expenditures | 393,110 | 401,232 | 410,445 | 419,931 | 430,115 | 440,358 | 451,359 |
| Total Output | 406,743 | 414,522 | 423,952 | 433,678 | 444,086 | 454,494 | 465,688 |
| Government Industry Compensation | 1,088 | 1,066 | 1,044 | 1,024 | 1,011 | 1,004 | 1,001 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 2,875 | 2,726 | 2,728 | 2,730 | 2,705 | 2,655 | 2,590 |
| Aerospace | 1,456 | 1,433 | 1,498 | 1,551 | 1,604 | 1,647 | 1,679 |
| Communications Equipment and Electronic Components | 782 | 786 | 830 | 858 | 890 | 932 | 947 |
| Instruments | 329 | 331 | 351 | 369 | 389 | 399 | 406 |
| Metal Products | 243 | 239 | 253 | 259 | 267 | 270 | 274 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 2,186 | 2,126 | 2,157 | 2,212 | 2,253 | 2,276 | 2,304 |
| Communications Equipment and Electronic Components | 381 | 381 | 404 | 421 | 441 | 459 | 475 |
| Finance and Insurance | 254 | 253 | 259 | 269 | 279 | 288 | 303 |
| Wholesale Trade | 194 | 191 | 198 | 207 | 217 | 225 | 238 |
| Aerospace | 135 | 128 | 129 | 132 | 134 | 138 | 141 |

Michigan Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 2,359 | 2,323 | 2,362 | 2,402 | 2,423 | 2,439 | 2,491 |
| Indirect Defense Purchases Resulting from Direct Purchases | 3,276 | 3,218 | 3,327 | 3,450 | 3,589 | 3,688 | 3,862 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,443 | 1,408 | 1,365 | 1,343 | 1,323 | 1,312 | 1,314 |
| Total Nondefense Expenditures | 571,902 | 575,211 | 588,753 | 598,923 | 610,829 | 622,179 | 635,236 |
| Total Output | 578,988 | 582,165 | 595,812 | 606,124 | 618,174 | 629,631 | 642,915 |
| Government Industry Compensation | 995 | 976 | 955 | 936 | 923 | 916 | 912 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 214 | 222 | 241 | 248 | 245 | 251 | 260 |
| Other Nonelectrical Machinery | 189 | 182 | 187 | 190 | 192 | 191 | 192 |
| Research Labs, Computer and Engineering Services | 143 | 142 | 155 | 171 | 178 | 174 | 176 |
| Other Transportation Equipment | 118 | 117 | 126 | 133 | 142 | 146 | 150 |
| Metal Products | 95 | 94 | 100 | 104 | 108 | 112 | 115 |
| Aerospace | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 462 | 452 | 475 | 497 | 524 | 544 | 568 |
| Metal Products | 278 | 275 | 286 | 306 | 327 | 335 | 359 |
| Motor Vehicles | 239 | 235 | 243 | 251 | 261 | 269 | 282 |
| Wholesale Trade | 189 | 185 | 188 | 193 | 198 | 202 | 210 |
| Finance and Insurance | 180 | 178 | 186 | 192 | 200 | 206 | 216 |
| Plastic Products | | | | | | | |

Minnesota Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Purchases | 2,013 | 1,950 | 1,998 | 2,036 | 2,087 | 2,113 | 2,159 |
| Indirect Defense Purchases Resulting from Direct Purchases | 2,094 | 2,052 | 2,112 | 2,185 | 2,263 | 2,323 | 2,424 |
| Indirect Defense Purchases Resulting from Direct Pay | 855 | 841 | 821 | 816 | 813 | 815 | 824 |
| Total Nondefense Expenditures | 293,342 | 298,688 | 306,233 | 313,770 | 322,120 | 330,398 | 339,431 |
| Total Output | 298,313 | 303,537 | 311,170 | 318,815 | 327,296 | 335,663 | 344,851 |
| Government Industry Compensation | 484 | 476 | 467 | 460 | 456 | 453 | 452 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Metal Products | 580 | 565 | 605 | 632 | 668 | 684 | 695 |
| Research Labs, Computer and Engineering Services | 378 | 359 | 361 | 367 | 366 | 361 | 354 |
| Aerospace | 91 | 88 | 91 | 93 | 95 | 97 | 98 |
| Computers | 82 | 81 | 84 | 86 | 88 | 89 | 91 |
| Food and Tobacco | 82 | 75 | 76 | 75 | 84 | 92 | 115 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 288 | 280 | 285 | 297 | 305 | 309 | 314 |
| Wholesale Trade | 178 | 176 | 184 | 192 | 201 | 208 | 220 |
| Communications Equipment and Electronic Components | 151 | 152 | 162 | 170 | 179 | 187 | 194 |
| Finance and Insurance | 144 | 142 | 146 | 151 | 156 | 160 | 168 |
| Printing and Publishing | 121 | 118 | 121 | 124 | 127 | 129 | 133 |

Mississippi Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 4,011 | 3,767 | 3,838 | 3,944 | 4,164 | 4,294 | 4,369 |
| Indirect Defense Purchases Resulting from Direct Purchases | 966 | 943 | 968 | 1,000 | 1,040 | 1,072 | 1,134 |
| Indirect Defense Purchases Resulting from Direct Pay | 743 | 723 | 703 | 693 | 685 | 682 | 685 |
| Total Nondefense Expenditures | 132,663 | 134,693 | 137,249 | 139,607 | 142,209 | 144,844 | 147,869 |
| Total Output | 138,251 | 140,051 | 142,678 | 145,141 | 147,923 | 150,687 | 153,864 |
| Government Industry Compensation | 1,597 | 1,568 | 1,533 | 1,515 | 1,501 | 1,496 | 1,499 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 1,709 | 1,508 | 1,604 | 1,697 | 1,918 | 2,043 | 2,092 |
| Ships and Boats | 141 | 137 | 144 | 147 | 149 | 150 | 153 |
| Research Labs, Computer and Engineering Services | 123 | 122 | 129 | 135 | 141 | 145 | 150 |
| Aerospace | 118 | 112 | 113 | 122 | 122 | 121 | 121 |
| Construction | 57 | 57 | 51 | 56 | 58 | 60 | 65 |
| Apparel and Household Textiles | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 107 | 107 | 114 | 119 | 124 | 129 | 136 |
| Research Labs, Computer and Engineering Services | 75 | 72 | 72 | 74 | 79 | 84 | 96 |
| Petroleum Refining | 54 | 53 | 55 | 57 | 59 | 61 | 63 |
| Wholesale Trade | 47 | 46 | 48 | 50 | 53 | 54 | 56 |
| Metal Products | 39 | 38 | 40 | 41 | 43 | 44 | 46 |
| Electric Utilities | | | | | | | |

Missouri Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 9,336 | 9,172 | 9,433 | 9,696 | 9,889 | 10,054 | 10,200 |
| Indirect Defense Purchases Resulting from Direct Pay | 3,080 | 3,026 | 3,115 | 3,217 | 3,322 | 3,403 | 3,524 |
| Total Nondefense Expenditures | 1,359 | 1,326 | 1,291 | 1,275 | 1,262 | 1,259 | 1,265 |
| Total Output | 331,847 | 336,700 | 343,873 | 351,108 | 359,044 | 366,808 | 375,181 |
| Government Industry Compensation | 345,623 | 350,224 | 357,712 | 365,297 | 373,520 | 381,527 | 390,173 |
| | 2,056 | 2,017 | 1,973 | 1,941 | 1,921 | 1,911 | 1,911 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Aerospace | 5,008 | 4,961 | 5,226 | 5,477 | 5,694 | 5,871 | 5,992 |
| Research Labs, Computer and Engineering Services | 1,074 | 1,018 | 1,019 | 1,023 | 1,014 | 996 | 973 |
| Other Nonelectrical Machinery | 315 | 326 | 353 | 363 | 359 | 368 | 383 |
| Metal Products | 174 | 164 | 166 | 171 | 168 | 165 | 166 |
| Construction | 157 | 148 | 146 | 160 | 159 | 156 | 156 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 817 | 794 | 806 | 829 | 845 | 854 | 866 |
| Real Estate | 281 | 278 | 289 | 294 | 305 | 315 | 329 |
| Aerospace | 232 | 236 | 251 | 264 | 274 | 284 | 290 |
| Wholesale Trade | 177 | 174 | 181 | 187 | 194 | 200 | 210 |
| Finance and Insurance | 154 | 152 | 155 | 161 | 167 | 171 | 180 |

Montana Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures | 485 | 473 | 469 | 471 | 475 | 479 | 495 |
| Indirect Defense Purchases Resulting from Direct Purchases | 232 | 227 | 232 | 240 | 249 | 257 | 272 |
| Indirect Defense Purchases Resulting from Direct Pay | 231 | 224 | 218 | 215 | 212 | 211 | 211 |
| Total Nondefense Expenditures | 36,569 | 37,146 | 37,901 | 38,599 | 39,391 | 40,198 | 41,117 |
| Total Output | 37,517 | 38,071 | 38,820 | 39,523 | 40,326 | 41,144 | 42,095 |
| Government Industry Compensation | 350 | 344 | 337 | 335 | 332 | 332 | 333 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Construction | 39 | 38 | 38 | 41 | 41 | 41 | 41 |
| Petroleum Refining | 21 | 19 | 19 | 19 | 21 | 23 | 28 |
| Fuel Oil | 19 | 17 | 18 | 17 | 19 | 21 | 26 |
| Wholesale Trade | 14 | 13 | 14 | 14 | 15 | 16 | 19 |
| Electric Utilities | 11 | 12 | 13 | 13 | 13 | 13 | 14 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Wholesale Trade | 21 | 21 | 22 | 23 | 23 | 24 | 25 |
| Petroleum Refining | 19 | 18 | 18 | 19 | 20 | 21 | 24 |
| Finance and Insurance | 16 | 16 | 16 | 17 | 17 | 18 | 19 |
| Electric Utilities | 16 | 16 | 17 | 17 | 18 | 19 | 19 |
| Other Nonferrous Metals | 13 | 13 | 13 | 14 | 14 | 14 | 15 |

Nebraska Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Purchases | 1,212 | 1,186 | 1,183 | 1,185 | 1,194 | 1,204 | 1,235 |
| Indirect Defense Purchases Resulting from Direct Purchases | 665 | 653 | 674 | 698 | 725 | 747 | 785 |
| Indirect Defense Purchases Resulting from Direct Pay | 501 | 489 | 476 | 470 | 465 | 464 | 467 |
| Total Nondefense Expenditures | 100,648 | 102,194 | 104,439 | 106,575 | 109,022 | 111,352 | 113,825 |
| Total Output | 103,026 | 104,522 | 106,772 | 108,928 | 111,407 | 113,767 | 116,312 |
| Government Industry Compensation | 841 | 826 | 809 | 803 | 798 | 796 | 800 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 134 | 131 | 137 | 141 | 143 | 145 | 147 |
| Food and Tobacco | 69 | 63 | 64 | 64 | 71 | 78 | 97 |
| Construction | 38 | 37 | 38 | 40 | 41 | 41 | 41 |
| Electric Utilities | 23 | 24 | 26 | 26 | 27 | 28 | 28 |
| Aerospace | 19 | 18 | 20 | 21 | 21 | 22 | 23 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 102 | 102 | 109 | 114 | 119 | 124 | 131 |
| Finance and Insurance | 62 | 61 | 62 | 64 | 66 | 68 | 72 |
| Wholesale Trade | 60 | 59 | 60 | 63 | 65 | 67 | 70 |
| Communications Equipment and Electronic Components | 53 | 51 | 52 | 53 | 55 | 57 | 59 |
| Electric Utilities | 33 | 33 | 34 | 35 | 37 | 38 | 40 |

Nevada Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------|--------|--------|--------|--------|--------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures | 1,232 | 1,211 | 1,205 | 1,209 | 1,208 | 1,208 | 1,218 |
| Indirect Defense Purchases Resulting from Direct Purchases | 436 | 432 | 447 | 464 | 482 | 498 | 524 |
| Indirect Defense Purchases Resulting from Direct Pay | 821 | 808 | 788 | 781 | 776 | 776 | 781 |
| Total Nondefense Expenditures | 82,833 | 85,232 | 87,881 | 90,517 | 93,587 | 96,782 | 100,279 |
| Total Output | 85,322 | 87,683 | 90,321 | 92,972 | 96,052 | 99,264 | 102,802 |
| Government Industry Compensation | 917 | 901 | 885 | 878 | 871 | 868 | 868 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 95 | 93 | 98 | 101 | 103 | 104 | 107 |
| Construction | 71 | 69 | 70 | 75 | 75 | 75 | 75 |
| Metal Products | 34 | 33 | 35 | 35 | 35 | 35 | 36 |
| Air Transportation | 29 | 29 | 29 | 30 | 31 | 32 | 33 |
| Water and Sanitation | 19 | 19 | 20 | 21 | 21 | 22 | 22 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 72 | 73 | 78 | 82 | 86 | 89 | 95 |
| Nonferrous Metals Mining | 58 | 59 | 61 | 63 | 65 | 68 | 71 |
| Wholesale Trade | 30 | 29 | 30 | 32 | 33 | 34 | 36 |
| Finance and Insurance | 26 | 26 | 27 | 28 | 29 | 30 | 32 |
| Communications Services | 23 | 22 | 23 | 23 | 24 | 25 | 26 |

New Hampshire Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| 528 | 1,066 | 1,046 | 1,067 | 1,081 | 1,094 | 1,105 | 1,118 |
| 520 | 528 | 520 | 538 | 558 | 578 | 595 | 619 |
| 256 | 256 | 250 | 243 | 240 | 237 | 236 | 237 |
| 61,790 | 61,790 | 63,025 | 64,571 | 66,160 | 67,827 | 69,490 | 71,288 |
| 63,640 | 63,640 | 64,841 | 66,418 | 68,039 | 69,737 | 71,425 | 73,263 |
| 298 | 298 | 292 | 287 | 283 | 280 | 277 | 276 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| 244 | 244 | 237 | 242 | 244 | 248 | 252 | 253 |
| 112 | 112 | 113 | 120 | 127 | 135 | 139 | 142 |
| 110 | 110 | 104 | 105 | 106 | 106 | 104 | 103 |
| 58 | 58 | 61 | 66 | 68 | 67 | 69 | 71 |
| 54 | 54 | 54 | 58 | 59 | 61 | 62 | 65 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 83 | 81 | 83 | 86 | 88 | 89 | 91 |
| Communications Equipment and Electronic Components | 67 | 67 | 71 | 75 | 80 | 83 | 88 |
| Instruments | 32 | 32 | 33 | 34 | 35 | 36 | 37 |
| Other Nonelectrical Machinery | 29 | 29 | 29 | 30 | 31 | 32 | 33 |
| Computers | 28 | 28 | 27 | 29 | 30 | 31 | 33 |

New Jersey Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 6,238 | 6,085 | 6,101 | 6,234 | 6,326 | 6,398 | 6,573 |
| Indirect Defense Purchases Resulting from Direct Purchases | 4,220 | 4,148 | 4,288 | 4,456 | 4,630 | 4,768 | 4,990 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,582 | 1,541 | 1,495 | 1,473 | 1,455 | 1,448 | 1,453 |
| Total Nondefense Expenditures | 475,182 | 483,313 | 493,502 | 503,261 | 514,099 | 524,957 | 536,780 |
| Total Output | 487,225 | 495,088 | 505,387 | 515,427 | 526,515 | 537,575 | 549,800 |
| Government Industry Compensation | 1,861 | 1,823 | 1,781 | 1,744 | 1,722 | 1,711 | 1,708 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 1,374 | 1,336 | 1,391 | 1,448 | 1,478 | 1,488 | 1,494 |
| Water Transportation | 738 | 722 | 694 | 725 | 739 | 751 | 791 |
| Instruments | 407 | 411 | 434 | 459 | 485 | 498 | 507 |
| Communications Equipment and Electronic Components | 281 | 275 | 284 | 288 | 295 | 303 | 306 |
| Construction | 208 | 198 | 200 | 216 | 217 | 215 | 216 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 1,045 | 1,042 | 1,100 | 1,173 | 1,231 | 1,275 | 1,329 |
| Real Estate | 346 | 341 | 354 | 360 | 373 | 385 | 402 |
| Wholesale Trade | 340 | 334 | 346 | 359 | 374 | 386 | 406 |
| Finance and Insurance | 263 | 260 | 266 | 276 | 286 | 295 | 310 |
| Other Chemicals | 254 | 245 | 250 | 256 | 263 | 267 | 277 |

New Mexico Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------|--------|--------|--------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Purchases | 2,374 | 2,305 | 2,286 | 2,291 | 2,291 | 2,294 | 2,309 |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,082 | 1,057 | 1,079 | 1,111 | 1,151 | 1,184 | 1,241 |
| Indirect Defense Purchases Resulting from Direct Pay | 678 | 661 | 644 | 637 | 632 | 632 | 636 |
| Total Nondefense Expenditures | 88,081 | 90,136 | 92,178 | 94,460 | 97,159 | 99,768 | 102,404 |
| Total Output | 92,215 | 94,158 | 96,187 | 98,499 | 101,233 | 103,878 | 106,590 |
| Government Industry Compensation | 1,421 | 1,395 | 1,365 | 1,351 | 1,339 | 1,335 | 1,338 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 460 | 439 | 444 | 444 | 442 | 436 | 431 |
| Construction | 121 | 116 | 118 | 126 | 127 | 126 | 127 |
| Air Transportation | 69 | 59 | 59 | 64 | 69 | 75 | 78 |
| Trucking and Highway Passenger Transit | 54 | 54 | 55 | 59 | 61 | 64 | 67 |
| Aerospace | 54 | 53 | 54 | 55 | 56 | 58 | 58 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 350 | 342 | 351 | 360 | 368 | 374 | 383 |
| Communications Equipment and Electronic Components | 131 | 137 | 150 | 161 | 174 | 184 | 193 |
| Crude Oil | 80 | 76 | 76 | 76 | 81 | 86 | 101 |
| Gas Utilities | 84 | 74 | 64 | 63 | 61 | 60 | 60 |
| Electric Utilities | 45 | 43 | 43 | 44 | 46 | 47 | 49 |

New York Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|-----------|-----------|-----------|-----------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures Resulting from Direct Purchases | 7,556 | 7,435 | 7,547 | 7,710 | 7,850 | 7,982 | 8,182 |
| Indirect Defense Purchases Resulting from Direct Purchases | 6,035 | 5,920 | 6,079 | 6,283 | 6,491 | 6,659 | 6,930 |
| Indirect Defense Purchases Resulting from Direct Pay | 2,747 | 2,665 | 2,571 | 2,520 | 2,475 | 2,448 | 2,443 |
| Total Nondefense Expenditures | 953,031 | 966,040 | 983,473 | 1,000,556 | 1,019,865 | 1,039,042 | 1,060,240 |
| Total Output | 969,374 | 982,062 | 999,673 | 1,017,073 | 1,036,687 | 1,056,137 | 1,077,801 |
| Government Industry Compensation | 2,068 | 2,029 | 1,985 | 1,962 | 1,944 | 1,938 | 1,944 |

LARGEST PURCHASES BY INDUSTRIAL SECTORS

| | | | | | | | |
|---|-----|-----|-----|-----|-------|-------|-------|
| Total Direct Expenditures (Purchases and Pay) | 874 | 881 | 931 | 965 | 1,002 | 1,050 | 1,067 |
| Communications Equipment and Electronic Components | 795 | 761 | 774 | 786 | 787 | 781 | 774 |
| Research Labs, Computer and Engineering Services | 694 | 698 | 736 | 778 | 821 | 842 | 856 |
| Instruments | 689 | 681 | 719 | 749 | 777 | 801 | 821 |
| Aerospace | 564 | 563 | 557 | 580 | 589 | 602 | 627 |
| Air Transportation | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 921 | 919 | 945 | 984 | 1,022 | 1,059 | 1,119 |
| Finance and Insurance | 605 | 594 | 612 | 637 | 656 | 670 | 689 |
| Research Labs, Computer and Engineering Services | 542 | 530 | 546 | 565 | 588 | 605 | 634 |
| Wholesale Trade | 393 | 397 | 424 | 445 | 469 | 490 | 509 |
| Communications Equipment and Electronic Components | 330 | 320 | 326 | 333 | 340 | 344 | 354 |
| Printing and Publishing | | | | | | | |

North Carolina Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Indirect Defense Purchases Resulting From Direct Purchases | 7,892 | 7,738 | 7,595 | 7,717 | 7,737 | 7,794 | 7,997 |
| Indirect Defense Purchases Resulting from Direct Pay | 2,974 | 2,929 | 3,009 | 3,134 | 3,255 | 3,355 | 3,523 |
| Total Nondefense Expenditures | 2,577 | 2,517 | 2,459 | 2,435 | 2,418 | 2,417 | 2,438 |
| Total Output | 424,500 | 433,332 | 445,020 | 455,741 | 467,626 | 479,531 | 492,463 |
| Government Industry Compensation | 437,955 | 446,523 | 458,091 | 469,038 | 481,053 | 493,116 | 506,439 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Trucking and Highway Passenger Transit | 916 | 915 | 828 | 888 | 900 | 931 | 1,024 |
| Wholesale Trade | 461 | 448 | 481 | 505 | 527 | 545 | 573 |
| Construction | 444 | 427 | 435 | 466 | 468 | 466 | 469 |
| Research Labs, Computer and Engineering Services | 216 | 207 | 211 | 215 | 215 | 214 | 214 |
| Water Transportation | 110 | 108 | 104 | 108 | 109 | 111 | 117 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Wholesale Trade | 219 | 217 | 226 | 236 | 247 | 256 | 271 |
| Textiles (Except Knitting) | 190 | 186 | 178 | 189 | 193 | 196 | 209 |
| Communications Equipment and Electronic Components | 184 | 182 | 192 | 200 | 210 | 219 | 229 |
| Research Labs, Computer and Engineering Services | 164 | 161 | 167 | 174 | 179 | 183 | 190 |
| Other Chemicals | 152 | 149 | 155 | 160 | 166 | 171 | 179 |

North Dakota Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 697 | 683 | 675 | 682 | 681 | 685 | 696 |
| Indirect Defense Purchases Resulting from Direct Purchases | 255 | 249 | 255 | 263 | 274 | 282 | 298 |
| Indirect Defense Purchases Resulting from Direct Pay | 267 | 261 | 254 | 251 | 249 | 248 | 250 |
| Total Nondefense Expenditures | 32,828 | 33,383 | 34,098 | 34,779 | 35,533 | 36,251 | 37,046 |
| Total Output | 34,047 | 34,575 | 35,283 | 35,976 | 36,736 | 37,465 | 38,291 |
| Government Industry Compensation | 501 | 493 | 481 | 481 | 479 | 480 | 485 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Construction | 52 | 50 | 52 | 54 | 55 | 55 | 55 |
| Electric Utilities | 38 | 38 | 41 | 42 | 43 | 44 | 45 |
| Research Labs, Computer and Engineering Services | 22 | 21 | 22 | 23 | 23 | 23 | 23 |
| Trucking and Highway Passenger Transit | 21 | 21 | 19 | 21 | 21 | 22 | 24 |
| Construction, Mining, and Oil Field Equipment | 19 | 15 | 14 | 14 | 12 | 11 | 11 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Electric Utilities | 54 | 53 | 54 | 56 | 58 | 60 | 63 |
| Wholesale Trade | 24 | 23 | 24 | 25 | 26 | 27 | 28 |
| Crude Oil | 22 | 21 | 21 | 21 | 22 | 24 | 27 |
| Research Labs, Computer and Engineering Services | 17 | 17 | 17 | 18 | 19 | 20 | 21 |
| Finance and Insurance | 14 | 14 | 14 | 15 | 15 | 16 | 16 |

Ohio Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures | 6,649 | 6,472 | 6,488 | 6,481 | 6,521 | 6,562 | 6,698 |
| Indirect Defense Purchases Resulting from Direct Purchases | 5,959 | 5,821 | 5,998 | 6,179 | 6,393 | 6,557 | 6,833 |
| Indirect Defense Purchases Resulting from Direct Pay | 2,326 | 2,265 | 2,200 | 2,167 | 2,140 | 2,128 | 2,134 |
| Total Nondefense Expenditures | 689,748 | 700,024 | 715,993 | 731,441 | 747,372 | 763,244 | 780,699 |
| Total Output | 704,684 | 714,585 | 730,680 | 746,269 | 762,429 | 778,495 | 796,367 |
| Government Industry Compensation | 3,112 | 3,047 | 2,978 | 2,910 | 2,870 | 2,849 | 2,841 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 1,090 | 1,046 | 1,066 | 1,070 | 1,070 | 1,062 | 1,055 |
| Aerospace | 943 | 922 | 959 | 984 | 1,012 | 1,036 | 1,055 |
| Food and Tobacco | 219 | 202 | 204 | 202 | 226 | 247 | 307 |
| Construction | 158 | 152 | 155 | 165 | 166 | 165 | 166 |
| Metal Products | 140 | 137 | 149 | 157 | 169 | 175 | 179 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 829 | 816 | 843 | 867 | 892 | 910 | 939 |
| Real Estate | 434 | 427 | 444 | 452 | 469 | 484 | 505 |
| Metal Products | 432 | 420 | 439 | 457 | 479 | 493 | 511 |
| Ferrous Metals | 427 | 406 | 418 | 428 | 440 | 444 | 452 |
| Wholesale Trade | 337 | 330 | 341 | 351 | 364 | 373 | 390 |

Oklahoma Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 3,717 | 3,642 | 3,613 | 3,615 | 3,630 | 3,655 | 3,736 |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,720 | 1,675 | 1,717 | 1,768 | 1,848 | 1,914 | 2,054 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,226 | 1,194 | 1,164 | 1,149 | 1,138 | 1,135 | 1,142 |
| Total Nondefense Expenditures | 180,821 | 183,842 | 187,740 | 191,624 | 195,684 | 199,811 | 204,307 |
| Total Output | 187,486 | 190,353 | 194,235 | 198,158 | 202,301 | 206,517 | 211,240 |
| Government Industry Compensation | 2,677 | 2,627 | 2,568 | 2,536 | 2,513 | 2,505 | 2,512 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Aerospace | 208 | 208 | 222 | 232 | 242 | 250 | 258 |
| Research Labs, Computer and Engineering Services | 170 | 167 | 175 | 181 | 184 | 186 | 190 |
| Construction | 142 | 137 | 141 | 149 | 150 | 150 | 151 |
| Air Transportation | 128 | 128 | 127 | 133 | 135 | 139 | 145 |
| Petroleum Refining | 91 | 84 | 84 | 84 | 93 | 101 | 124 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Crude Oil | 282 | 267 | 267 | 268 | 289 | 307 | 359 |
| Research Labs, Computer and Engineering Services | 130 | 130 | 139 | 146 | 154 | 160 | 169 |
| Automobile Repairs | 100 | 99 | 100 | 104 | 107 | 110 | 116 |
| Petroleum Refining | 101 | 97 | 97 | 99 | 106 | 112 | 128 |
| Gas Utilities | 85 | 82 | 86 | 87 | 89 | 91 | 93 |

Oregon Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 796 | 777 | 769 | 768 | 764 | 761 | 764 |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,170 | 1,161 | 1,209 | 1,265 | 1,320 | 1,368 | 1,437 |
| Indirect Defense Purchases Resulting from Direct Pay | 616 | 601 | 585 | 579 | 573 | 572 | 574 |
| Total Nondefense Expenditures | 182,495 | 185,796 | 190,426 | 194,946 | 199,905 | 204,831 | 210,274 |
| Total Output | 185,084 | 188,340 | 192,995 | 197,564 | 202,573 | 207,544 | 213,061 |
| Government Industry Compensation | 596 | 585 | 575 | 567 | 560 | 556 | 553 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 38 | 36 | 35 | 36 | 35 | 35 | 34 |
| Research Labs, Computer and Engineering Services | 36 | 34 | 33 | 37 | 36 | 36 | 36 |
| Construction | 16 | 16 | 17 | 18 | 18 | 19 | 19 |
| Instruments | 10 | 10 | 10 | 11 | 11 | 11 | 11 |
| Water and Sanitation | 10 | 9 | 9 | 10 | 10 | 9 | 10 |
| Metal Products | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 269 | 278 | 302 | 324 | 346 | 367 | 388 |
| Communications Equipment and Electronic Components | 103 | 101 | 106 | 110 | 115 | 119 | 126 |
| Wholesale Trade | 86 | 84 | 86 | 89 | 91 | 94 | 98 |
| Finance and Insurance | 66 | 65 | 68 | 70 | 73 | 74 | 76 |
| Other Nonferrous Metals | 52 | 50 | 51 | 52 | 53 | 54 | 56 |

Pennsylvania Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 7,112 | 6,924 | 6,959 | 6,966 | 6,992 | 7,020 | 7,163 |
| Indirect Defense Purchases Resulting from Direct Purchases | 5,708 | 5,588 | 5,758 | 5,928 | 6,137 | 6,306 | 6,589 |
| Indirect Defense Purchases Resulting from Direct Pay | 2,376 | 2,318 | 2,253 | 2,223 | 2,198 | 2,189 | 2,197 |
| Total Nondefense Expenditures | 674,687 | 684,466 | 697,473 | 710,415 | 724,497 | 738,391 | 753,599 |
| Total Output | 689,883 | 699,297 | 712,443 | 725,533 | 739,824 | 753,907 | 769,549 |
| Government Industry Compensation | 3,006 | 2,942 | 2,876 | 2,803 | 2,762 | 2,738 | 2,725 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 882 | 870 | 919 | 937 | 956 | 963 | 981 |
| Metal Products | 841 | 805 | 820 | 826 | 826 | 819 | 814 |
| Research Labs, Computer and Engineering Services | 435 | 422 | 430 | 437 | 446 | 455 | 459 |
| Aerospace | 214 | 202 | 207 | 207 | 226 | 242 | 288 |
| Finance and Insurance | 174 | 178 | 191 | 197 | 193 | 197 | 204 |
| Other Nonelectrical Machinery | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 736 | 728 | 763 | 771 | 801 | 830 | 868 |
| Real Estate | 640 | 628 | 648 | 669 | 688 | 702 | 724 |
| Research Labs, Computer and Engineering Services | 409 | 389 | 400 | 409 | 419 | 423 | 431 |
| Ferrous Metals | 331 | 325 | 330 | 341 | 352 | 360 | 377 |
| Finance and Insurance | 329 | 324 | 336 | 348 | 363 | 375 | 394 |
| Wholesale Trade | | | | | | | |

Rhode Island Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 1,046 | 1,018 | 1,013 | 1,019 | 1,017 | 1,016 | 1,027 |
| Indirect Defense Purchases Resulting from Direct Purchases | 418 | 412 | 426 | 442 | 458 | 471 | 491 |
| Indirect Defense Purchases Resulting from Direct Pay | 298 | 291 | 283 | 280 | 277 | 277 | 279 |
| Total Nondefense Expenditures | 52,373 | 53,275 | 54,258 | 55,240 | 56,318 | 57,428 | 58,618 |
| Total Output | 54,137 | 54,996 | 55,982 | 56,982 | 58,073 | 59,196 | 60,418 |
| Government Industry Compensation | 563 | 552 | 539 | 529 | 523 | 520 | 520 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 162 | 158 | 164 | 167 | 169 | 170 | 172 |
| Instruments | 82 | 81 | 84 | 87 | 91 | 93 | 93 |
| Construction | 63 | 62 | 64 | 67 | 68 | 68 | 69 |
| Textiles (Except Knitting) | 42 | 35 | 32 | 33 | 28 | 25 | 25 |
| Trucking and Highway Passenger Transit | 33 | 33 | 30 | 32 | 32 | 33 | 37 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 123 | 123 | 130 | 135 | 141 | 146 | 153 |
| Other Nonferrous Metals | 31 | 30 | 31 | 32 | 33 | 34 | 35 |
| Finance and Insurance | 26 | 26 | 26 | 27 | 28 | 28 | 29 |
| Wholesale Trade | 26 | 25 | 26 | 27 | 28 | 29 | 30 |
| Metal Products | 20 | 20 | 21 | 22 | 23 | 24 | 24 |

South Carolina Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 3,997 | 3,920 | 3,915 | 3,954 | 3,985 | 4,013 | 4,082 |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,651 | 1,622 | 1,671 | 1,740 | 1,806 | 1,859 | 1,951 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,334 | 1,302 | 1,270 | 1,256 | 1,245 | 1,244 | 1,253 |
| Total Nondefense Expenditures | 221,415 | 226,142 | 231,644 | 237,021 | 242,856 | 248,716 | 254,991 |
| Total Output | 228,400 | 232,988 | 238,503 | 243,974 | 249,897 | 255,837 | 262,283 |
| Government Industry Compensation | 2,699 | 2,652 | 2,598 | 2,576 | 2,556 | 2,548 | 2,555 |

LARGEST PURCHASES BY INDUSTRIAL SECTORS

| | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|
| Total Direct Expenditures (Purchases and Pay) | 240 | 233 | 242 | 249 | 252 | 253 | 257 |
| Research Labs, Computer and Engineering Services | 214 | 204 | 206 | 221 | 221 | 219 | 220 |
| Construction | 176 | 176 | 187 | 198 | 207 | 214 | 220 |
| Aerospace | 160 | 159 | 175 | 188 | 207 | 216 | 222 |
| Metal Products | 80 | 79 | 72 | 77 | 78 | 81 | 89 |
| Trucking and Highway Passenger Transit | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 183 | 181 | 191 | 202 | 210 | 217 | 229 |
| Research Labs, Computer and Engineering Services | 172 | 168 | 173 | 179 | 186 | 191 | 200 |
| Other Chemicals | 137 | 134 | 128 | 136 | 139 | 142 | 152 |
| Textiles (Except Knitting) | 79 | 78 | 80 | 83 | 87 | 89 | 94 |
| Wholesale Trade | 74 | 75 | 81 | 86 | 92 | 97 | 102 |
| Communications Equipment and Electronic Components | | | | | | | |

South Dakota Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 419 | 410 | 407 | 410 | 410 | 411 | 417 |
| Indirect Defense Purchases Resulting from Direct Purchases | 244 | 241 | 250 | 262 | 273 | 282 | 295 |
| Indirect Defense Purchases Resulting from Direct Pay | 197 | 192 | 187 | 185 | 183 | 182 | 183 |
| Total Nondefense Expenditures | 37,708 | 38,474 | 39,513 | 40,482 | 41,552 | 42,606 | 43,720 |
| Total Output | 38,569 | 39,317 | 40,358 | 41,339 | 42,418 | 43,481 | 44,615 |
| Government Industry Compensation | 304 | 299 | 292 | 290 | 288 | 288 | 289 |

LARGEST PURCHASES BY INDUSTRIAL SECTORS

Total Direct Expenditures (Purchases and Pay)

| | | | | | | | |
|---|----|----|----|----|----|----|----|
| Computers | 38 | 38 | 41 | 42 | 43 | 44 | 46 |
| Construction | 22 | 21 | 21 | 23 | 23 | 23 | 23 |
| Research Labs, Computer and Engineering Services | 18 | 17 | 17 | 19 | 19 | 19 | 19 |
| Electric Utilities | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| Gas Utilities | 5 | 5 | 6 | 6 | 6 | 6 | 6 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Communications Equipment and Electronic Components | 42 | 42 | 46 | 49 | 53 | 56 | 59 |
| Wholesale Trade | 22 | 22 | 22 | 23 | 24 | 25 | 26 |
| Finance and Insurance | 20 | 20 | 20 | 20 | 21 | 21 | 22 |
| Gas Utilities | 16 | 16 | 16 | 17 | 17 | 17 | 18 |
| Research Labs, Computer and Engineering Services | 14 | 14 | 14 | 15 | 16 | 16 | 17 |

Tennessee Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 3,869 | 3,809 | 3,743 | 3,825 | 3,847 | 3,883 | 3,993 |
| Indirect Defense Purchases Resulting from Direct Purchases | 2,234 | 2,189 | 2,243 | 2,324 | 2,404 | 2,464 | 2,570 |
| Indirect Defense Purchases Resulting from Direct Pay | 1,081 | 1,057 | 1,030 | 1,018 | 1,009 | 1,006 | 1,013 |
| Total Nondfense Expenditures | 304,318 | 309,656 | 318,388 | 326,125 | 334,186 | 342,239 | 351,269 |
| Total Output | 311,526 | 316,725 | 325,419 | 333,310 | 341,477 | 349,630 | 358,880 |
| Government Industry Compensation | 1,307 | 1,284 | 1,261 | 1,246 | 1,232 | 1,224 | 1,220 |

LARGEST PURCHASES BY INDUSTRIAL SECTORS

| | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|
| Total Direct Expenditures (Purchases and Pay) | 1,259 | 1,266 | 1,254 | 1,312 | 1,336 | 1,370 | 1,436 |
| Air Transportation | 502 | 473 | 469 | 466 | 458 | 447 | 434 |
| Research Labs, Computer and Engineering Services | 278 | 279 | 244 | 271 | 278 | 287 | 311 |
| Apparel and Household Textiles | 89 | 89 | 95 | 98 | 101 | 104 | 108 |
| Other Chemicals | 76 | 72 | 74 | 75 | 74 | 73 | 74 |
| Metal Products | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 381 | 369 | 371 | 377 | 382 | 383 | 386 |
| Research Labs, Computer and Engineering Services | 162 | 160 | 166 | 172 | 179 | 185 | 195 |
| Wholesale Trade | 159 | 155 | 160 | 165 | 170 | 175 | 182 |
| Other Chemicals | 144 | 141 | 148 | 154 | 161 | 166 | 173 |
| Metal Products | 111 | 109 | 113 | 116 | 120 | 123 | 126 |
| Other Nonferrous Metals | | | | | | | |

Texas Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 21,409 | 20,906 | 21,008 | 21,226 | 21,530 | 21,805 | 22,418 |
| Indirect Defense Purchases Resulting from Direct Purchases | 12,201 | 11,942 | 12,251 | 12,654 | 13,186 | 13,636 | 14,497 |
| Indirect Defense Purchases Resulting from Direct Pay | 5,647 | 5,512 | 5,373 | 5,308 | 5,261 | 5,255 | 5,295 |
| Total Nondefense Expenditures | 1,081,519 | 1,103,038 | 1,127,372 | 1,151,824 | 1,178,293 | 1,205,522 | 1,234,844 |
| Total Output | 1,120,780 | 1,141,399 | 1,166,005 | 1,191,015 | 1,218,275 | 1,246,223 | 1,277,059 |
| Government Industry Compensation | 10,104 | 9,925 | 9,719 | 9,624 | 9,544 | 9,513 | 9,535 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Aerospace | 3,016 | 2,990 | 3,161 | 3,302 | 3,434 | 3,543 | 3,630 |
| Research Labs, Computer and Engineering Services | 2,370 | 2,257 | 2,277 | 2,289 | 2,280 | 2,249 | 2,213 |
| Petroleum Refining | 733 | 682 | 683 | 678 | 750 | 814 | 999 |
| Communications Equipment and Electronic Components | 645 | 644 | 680 | 700 | 723 | 750 | 764 |
| Fuel Oil | 656 | 611 | 612 | 607 | 672 | 729 | 895 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 1,802 | 1,761 | 1,801 | 1,855 | 1,899 | 1,928 | 1,969 |
| Crude Oil | 1,304 | 1,235 | 1,237 | 1,243 | 1,341 | 1,427 | 1,673 |
| Communications Equipment and Electronic Components | 977 | 1,007 | 1,088 | 1,159 | 1,233 | 1,301 | 1,369 |
| Petroleum Refining | 843 | 810 | 813 | 827 | 880 | 928 | 1,057 |
| Wholesale Trade | 539 | 530 | 549 | 569 | 592 | 611 | 641 |

Utah Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 1,831 | 1,787 | 1,774 | 1,765 | 1,762 | 1,762 | 1,778 |
| Indirect Defense Purchases Resulting from Direct Purchases | 1,104 | 1,080 | 1,109 | 1,153 | 1,194 | 1,229 | 1,285 |
| Indirect Defense Purchases Resulting from Direct Pay | 618 | 603 | 587 | 580 | 574 | 572 | 575 |
| Total Nondefense Expenditures | 121,326 | 123,474 | 126,056 | 128,979 | 131,910 | 134,831 | 138,082 |
| Total Output | 124,881 | 126,945 | 129,527 | 132,478 | 135,441 | 138,395 | 141,722 |
| Government Industry Compensation | 1,215 | 1,190 | 1,162 | 1,136 | 1,121 | 1,114 | 1,112 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 244 | 232 | 235 | 241 | 241 | 238 | 236 |
| Research Labs, Computer and Engineering Services | 62 | 61 | 63 | 66 | 67 | 67 | 68 |
| Construction | 47 | 46 | 49 | 50 | 52 | 53 | 54 |
| Aerospace | 41 | 41 | 43 | 45 | 47 | 48 | 49 |
| Instruments | 31 | 32 | 35 | 35 | 36 | 37 | 38 |
| Electric Utilities | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 185 | 181 | 186 | 195 | 200 | 204 | 210 |
| Research Labs, Computer and Engineering Services | 135 | 129 | 132 | 137 | 142 | 147 | 151 |
| Aerospace | 83 | 85 | 91 | 96 | 101 | 105 | 109 |
| Communications Equipment and Electronic Components | 58 | 57 | 59 | 61 | 64 | 66 | 69 |
| Wholesale Trade | 47 | 46 | 47 | 49 | 51 | 52 | 54 |
| Finance and Insurance | | | | | | | |

Vermont Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | 316 | 310 | 316 | 320 | 324 | 325 | 327 |
| Indirect Defense Purchases Resulting from Direct Pay | 306 | 307 | 321 | 334 | 348 | 361 | 376 |
| Total Nondefense Expenditures | 124 | 122 | 118 | 117 | 116 | 116 | 117 |
| Total Output | 31,243 | 32,026 | 32,941 | 33,906 | 34,915 | 35,926 | 37,004 |
| Government Industry Compensation | 31,990 | 32,765 | 33,696 | 34,677 | 35,704 | 36,729 | 37,826 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 69 | 65 | 65 | 65 | 64 | 63 | 62 |
| Instruments | 54 | 55 | 59 | 63 | 67 | 69 | 71 |
| Metal Products | 35 | 35 | 37 | 38 | 38 | 39 | 39 |
| Aerospace | 29 | 28 | 30 | 30 | 31 | 32 | 33 |
| Communications Equipment and Electronic Components | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Communications Equipment and Electronic Components | 106 | 111 | 120 | 128 | 136 | 143 | 150 |
| Research Labs, Computer and Engineering Services | 52 | 51 | 52 | 53 | 53 | 54 | 55 |
| Aerospace | 17 | 16 | 17 | 17 | 18 | 18 | 19 |
| Wholesale Trade | 15 | 15 | 16 | 16 | 17 | 18 | 19 |
| Finance and Insurance | 12 | 12 | 12 | 13 | 13 | 13 | 14 |

Virginia Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Defense Purchases Resulting from Direct Purchases | 30,143 | 29,246 | 29,400 | 29,650 | 30,103 | 30,430 | 30,993 |
| Indirect Defense Purchases Resulting from Direct Pay | 8,514 | 8,411 | 8,727 | 9,053 | 9,382 | 9,657 | 10,101 |
| Indirect Defense Purchases Resulting from Direct Pay | 5,440 | 5,302 | 5,177 | 5,119 | 5,076 | 5,070 | 5,110 |
| Total Nondefense Expenditures | 525,821 | 537,987 | 548,513 | 559,437 | 571,719 | 584,313 | 597,594 |
| Total Output | 569,916 | 580,943 | 591,814 | 603,256 | 616,278 | 629,468 | 643,796 |
| Government Industry Compensation | 14,227 | 13,954 | 13,637 | 13,437 | 13,304 | 13,253 | 13,280 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 6,474 | 6,265 | 6,482 | 6,568 | 6,630 | 6,639 | 6,683 |
| Ships and Boats | 2,670 | 2,371 | 2,519 | 2,655 | 2,977 | 3,157 | 3,230 |
| Air Transportation | 1,110 | 1,116 | 1,105 | 1,156 | 1,176 | 1,206 | 1,264 |
| Communications Services | 853 | 833 | 876 | 883 | 938 | 985 | 1,100 |
| Computers | 772 | 762 | 805 | 817 | 837 | 852 | 880 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 4,923 | 4,886 | 5,126 | 5,322 | 5,522 | 5,691 | 5,945 |
| Real Estate | 924 | 902 | 923 | 953 | 983 | 1,007 | 1,051 |
| Nonautomotive Repair Services, Hotels, and Lodging | 442 | 429 | 423 | 441 | 452 | 462 | 485 |
| Wholesale Trade | 158 | 156 | 162 | 168 | 176 | 181 | 191 |
| Finance and Insurance | 149 | 146 | 148 | 153 | 157 | 161 | 168 |

Washington Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Defense Purchases Resulting from Direct Purchases | 8,324 | 8,138 | 8,135 | 8,190 | 8,277 | 8,355 | 8,547 |
| Indirect Defense Purchases Resulting from Direct Pay | 3,445 | 3,392 | 3,503 | 3,643 | 3,786 | 3,915 | 4,087 |
| Total Nondefense Expenditures | 2,186 | 2,132 | 2,080 | 2,056 | 2,038 | 2,034 | 2,048 |
| Total Output | 326,603 | 332,941 | 339,471 | 348,038 | 356,414 | 364,670 | 373,366 |
| Government Industry Compensation | 340,577 | 346,614 | 353,201 | 361,941 | 370,538 | 379,001 | 388,074 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 938 | 904 | 929 | 954 | 964 | 962 | 962 |
| Communications Equipment and Electronic Components | 393 | 396 | 417 | 432 | 449 | 472 | 478 |
| Construction | 325 | 313 | 321 | 342 | 344 | 343 | 345 |
| Aerospace | 296 | 286 | 290 | 294 | 300 | 304 | 305 |
| Computers | 224 | 231 | 243 | 257 | 269 | 273 | 281 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Aerospace | 991 | 981 | 1,016 | 1,057 | 1,102 | 1,151 | 1,190 |
| Research Labs, Computer and Engineering Services | 713 | 705 | 735 | 773 | 803 | 826 | 856 |
| Wholesale Trade | 174 | 171 | 178 | 186 | 194 | 201 | 212 |
| Finance and Insurance | 120 | 118 | 120 | 124 | 128 | 132 | 138 |
| Other Nonferrous Metals | 117 | 115 | 119 | 123 | 127 | 131 | 135 |

West Virginia Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|--|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| 628 | 490 | 474 | 468 | 474 | 472 | 470 | 475 |
| 291 | 628 | 612 | 630 | 649 | 672 | 690 | 722 |
| 291 | 291 | 283 | 275 | 271 | 267 | 266 | 267 |
| 82,589 | 83,756 | 85,458 | 87,111 | 88,889 | 90,742 | 92,829 | 92,829 |
| 83,998 | 85,126 | 86,830 | 88,505 | 90,301 | 92,167 | 94,293 | 94,293 |
| Total Output | 300 | 295 | 289 | 285 | 282 | 280 | 279 |
| Government Industry Compensation | | | | | | | |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| 90 | 84 | 83 | 91 | 90 | 88 | 88 | 88 |
| 42 | 41 | 42 | 42 | 43 | 43 | 43 | 43 |
| 13 | 13 | 13 | 14 | 14 | 14 | 14 | 15 |
| 12 | 11 | 11 | 11 | 12 | 13 | 13 | 16 |
| 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| Construction | | | | | | | |
| Research Labs, Computer and Engineering Services | | | | | | | |
| Aerospace | | | | | | | |
| Wholesale Trade | | | | | | | |
| Apparel and Household Textiles | | | | | | | |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| 79 | 76 | 78 | 81 | 84 | 86 | 89 | 89 |
| 76 | 75 | 78 | 80 | 82 | 84 | 86 | 86 |
| 71 | 68 | 71 | 73 | 76 | 77 | 79 | 79 |
| 43 | 42 | 44 | 46 | 47 | 49 | 51 | 51 |
| 34 | 34 | 35 | 36 | 37 | 38 | 39 | 39 |

Wisconsin Summary

Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|---------|---------|---------|---------|---------|---------|---------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Total Direct Expenditures Resulting from Direct Purchases | 1,399 | 1,366 | 1,377 | 1,397 | 1,426 | 1,449 | 1,523 |
| Indirect Defense Purchases Resulting from Direct Purchases | 2,493 | 2,439 | 2,499 | 2,583 | 2,673 | 2,742 | 2,866 |
| Indirect Defense Purchases Resulting from Direct Pay | 845 | 830 | 809 | 800 | 794 | 793 | 799 |
| Total Nondefense Expenditures | 317,772 | 322,802 | 330,510 | 337,512 | 344,949 | 352,494 | 360,962 |
| Total Output | 322,515 | 327,441 | 335,198 | 342,298 | 349,850 | 357,488 | 366,160 |
| Government Industry Compensation | 514 | 505 | 495 | 488 | 482 | 479 | 478 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Motor Vehicles | 212 | 212 | 225 | 231 | 240 | 246 | 260 |
| Automobile Repairs | 89 | 89 | 87 | 91 | 92 | 94 | 98 |
| Construction, Mining, and Oil Field Equipment | 75 | 72 | 76 | 81 | 86 | 87 | 94 |
| Food and Tobacco | 63 | 58 | 59 | 58 | 65 | 71 | 89 |
| Metal Products | 46 | 45 | 49 | 51 | 53 | 55 | 56 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Automobile Repairs | 493 | 486 | 491 | 508 | 525 | 539 | 566 |
| Metal Products | 189 | 184 | 191 | 198 | 207 | 213 | 220 |
| Paper | 160 | 155 | 159 | 163 | 168 | 172 | 179 |
| Wholesale Trade | 157 | 154 | 160 | 167 | 174 | 180 | 190 |
| Finance and Insurance | 150 | 147 | 150 | 155 | 160 | 164 | 171 |

Wyoming Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|--------|--------|--------|--------|--------|--------|--------|
| AGGREGATE MEASURES | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 621 | 611 | 584 | 601 | 608 | 621 | 661 |
| Indirect Defense Purchases Resulting from Direct Purchases | 248 | 240 | 245 | 251 | 263 | 274 | 299 |
| Indirect Defense Purchases Resulting from Direct Pay | 162 | 158 | 154 | 152 | 150 | 150 | 151 |
| Total Nondefense Expenditures | 25,156 | 25,531 | 26,058 | 26,513 | 27,030 | 27,548 | 28,109 |
| Total Output | 26,187 | 26,541 | 27,041 | 27,517 | 28,052 | 28,593 | 29,220 |
| Government Industry Compensation | 272 | 267 | 261 | 260 | 258 | 258 | 260 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 242 | 242 | 220 | 235 | 238 | 246 | 270 |
| Railroads | 26 | 25 | 26 | 27 | 27 | 27 | 27 |
| Construction | | | | | | | |
| Petroleum Refining | 18 | 16 | 16 | 16 | 18 | 20 | 24 |
| Coal Mining | 17 | 16 | 16 | 16 | 17 | 19 | 24 |
| Fuel Oil | 16 | 15 | 15 | 15 | 16 | 18 | 22 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| | | | | | | | |
| Crude Oil | 60 | 57 | 57 | 62 | 66 | 66 | 77 |
| Petroleum Refining | 34 | 32 | 33 | 33 | 36 | 38 | 43 |
| Coal Mining | 20 | 20 | 21 | 21 | 22 | 23 | 24 |
| Natural Gas | 12 | 12 | 12 | 12 | 13 | 13 | 13 |
| Wholesale Trade | 10 | 9 | 10 | 10 | 10 | 11 | 11 |

Entire United States Summary
Rounded to Millions of 2000 dollars

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|---|------------|------------|------------|------------|------------|------------|------------|
| AGGREGATE MEASURES | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | 279,604 | 272,537 | 273,930 | 277,264 | 281,059 | 284,085 | 289,999 |
| Indirect Defense Purchases Resulting from Direct Purchases | 136,161 | 133,571 | 137,493 | 142,328 | 147,568 | 151,863 | 159,035 |
| Indirect Defense Purchases Resulting from Direct Pay | 73,209 | 71,416 | 69,546 | 68,679 | 67,995 | 67,805 | 68,206 |
| Total Nondefense Expenditures | 15,268,092 | 15,537,864 | 15,882,715 | 16,222,436 | 16,590,748 | 16,961,549 | 17,366,046 |
| Total Output | 15,757,066 | 16,015,388 | 16,363,685 | 16,710,708 | 17,087,369 | 17,465,302 | 17,883,287 |
| Government Industry Compensation | 123,052 | 120,775 | 118,180 | 116,671 | 115,563 | 115,105 | 115,273 |
| LARGEST PURCHASES BY INDUSTRIAL SECTORS | | | | | | | |
| Total Direct Expenditures (Purchases and Pay) | | | | | | | |
| Research Labs, Computer and Engineering Services | 37,823 | 36,293 | 37,054 | 37,523 | 37,644 | 37,422 | 37,234 |
| Aerospace | 29,417 | 28,881 | 30,094 | 31,127 | 32,141 | 32,961 | 33,523 |
| Communications Equipment and Electronic Components | 9,371 | 9,286 | 9,677 | 9,891 | 10,175 | 10,525 | 10,658 |
| Construction | 8,648 | 8,309 | 8,470 | 9,049 | 9,086 | 9,037 | 9,091 |
| Ships and Boats | 8,677 | 7,713 | 8,168 | 8,599 | 9,615 | 10,182 | 10,402 |
| Indirect Defense Purchases Resulting from Direct Purchases | | | | | | | |
| Research Labs, Computer and Engineering Services | 28,761 | 28,308 | 29,305 | 30,403 | 31,355 | 32,077 | 33,123 |
| Wholesale Trade | 7,617 | 7,493 | 7,767 | 8,068 | 8,412 | 8,688 | 9,143 |
| Communications Equipment and Electronic Components | 7,349 | 7,440 | 7,963 | 8,403 | 8,879 | 9,312 | 9,725 |
| Finance and Insurance | 7,019 | 6,919 | 7,072 | 7,323 | 7,563 | 7,775 | 8,157 |
| Real Estate | 6,768 | 6,616 | 6,781 | 6,986 | 7,214 | 7,396 | 7,721 |

APPENDIX

| Ind # | National Industry Title | SIC Classification | | State Level Industrial Sector Title |
|-------|---|------------------------|-------------|--------------------------------------|
| | | Classification Code(s) | sec # | |
| 1 | Dairy Farm Products | 241 | | Agriculture, Forestry, and Fisheries |
| 2 | Poultry and Eggs | 250 | -254 | |
| 3 | Meat Animals and Other Livestock | 210 | 270 | |
| 4 | Cotton | 131 | | |
| 5 | Grains | 111 | 112 115 118 | pt 139 |
| 6 | Tobacco | 132 | | |
| 7 | Fruit, Vegetables, and Other Crops | pt 119 | 133 134 | pt 139 170 173 179 161 116 |
| 8 | Forestry Products | 800 | -850 | 970 |
| 9 | Fishery Products | 910 | | |
| 10 | Agriculture, Forestry, and Fishery Services | pt 180 | 254 700 | 780 850 920 |
| 11 | Iron Ores | 1010 | 1060 | 2 Iron Ores |
| 12 | Copper Ore | 1020 | | |
| 13 | Other Nonferrous Ores | 1030 | 1040 1050 | 1080 1090 |
| 14 | Coal Mining | 1200 | | |
| 15 | Natural Gas Extraction | 1312 | | |
| 16 | Crude Oil Extraction | 1311 | 1320 1380 | 6 Crude Oil |
| 17 | Stone and Clay Quarrying and Mining | 1410 | 1420 1440 | 1450 1480 1490 |
| 18 | Chemical and Fertilizer Minerals Mining | 1470 | | |
| 19 | New Construction | 1600 | | |
| 20 | Maintenance Construction | 1500 | | |
| 21 | Guided Missiles and Space Vehicles | 3761 | | |
| 22 | Ammunition, Except Small Arms | 3483 | | |
| 23 | Tanks and Tank Components | 3795 | | |
| 24 | Small Arms | 3484 | | |
| 25 | Small Arms Ammunition | 3482 | | |
| 26 | Other Ordnance and Accessories | 3489 | | |
| 27 | Meat Packing Plants, Sausage and Other Prepared Meats | 2011 | 2013 | 9 Food and Tobacco |
| 28 | Poultry Slaughtering and Processing | 2015 | | |
| 29 | Dairy Products, Except Fluid Milk | 2021 | 2022 2023 | 2024 |
| 30 | Fluid Milk | 2026 | | |
| 31 | Fish and Seafoods | 2091 | 2092 | |
| 32 | Preserved Fruits and Vegetables, Frozen Bakery Products | 2032 | 2033 2034 | 2035 2037 2038 |
| 33 | Flour, Cereals, and Other Grain Mill Products | 2041 | 2043 2045 | |
| 34 | Prepared Animal Feeds | 2047 | 2048 | |
| 35 | Rice Milling | 2044 | | |
| 36 | Wet Corn Milling | 2046 | | |
| 37 | Bakery Products | 2051 | 2052 2053 | |

| Ind # | National Industry Title | SIC Classification | | sec.# | State Level Industrial Sector Title |
|-------|---|------------------------|-------------------------------|-------|--|
| | | Classification Code(s) | | | |
| 38 | Sugar | 2061 | 2062 2063 | 9 | Food and Tobacco |
| 39 | Confectionery, Chocolate Products, and Roasted Nuts | 2064 | 2066 2067 2068 | | |
| 40 | Beer, Malt Beverages, and Malt | 2082 | 2083 | | |
| 41 | Wines, Brandy, and Brandy Spirits | 2084 | | | |
| 42 | Distilled and Blended Liquors | 2085 | | | |
| 43 | Soft Drinks and Flavorings | 2086 | 2087 | | |
| 44 | Vegetable Oil Mills | 2074, 2075, 2076 | | | |
| 45 | Animal and Marine Fats and Oils | 2077 | | | |
| 46 | Shortening, Table Oils, and Edible Fats | 2079 | | | |
| 47 | Roasted Coffee | 2095 | | | |
| 48 | Miscellaneous Food Preparations | 2096 | 2097 2098 2099 | | |
| 49 | Cigarettes | 2110 | | | |
| 50 | Cigars | 2120 | | | |
| 51 | Chewing and Smoking Tobacco and Snuff | 2130 | | | |
| 52 | Tobacco Stemming and Redrying | 2140 | | | |
| 53 | Broadwoven Fabric Mills | 2210 | 2220 2230 2261 2262 | | |
| 54 | Narrow Fabric Mills | 2240 | | | |
| 55 | Yarn and Thread Mills, Textile Finishers | 2269 | 2281 2282 2284 | | |
| 56 | Carpets and Rugs | 2270 | | | |
| 57 | Miscellaneous Textile Goods | 2290 | | | |
| 58 | Knitting Mills | 2251 | 2252 2253 2254 2257 2258 2259 | 11 | Knitting |
| 59 | Apparel | 2300-2390 | | | |
| 60 | Household Textile Products | 2391 | 2392 | | |
| 61 | Miscellaneous Fabricated Textile Products | 2393 | 2394 2395 2396 2397 2399 3996 | 12 | Apparel and Household Textiles |
| 62 | Logging Camps and Contractors | 2411 | | | |
| 63 | Sawmills and Planing Mills | 2421 | 2426 2429 | | |
| 64 | Millwork and Wood Kitchen Cabinets | 2431 | 2434 | | |
| 65 | Veneer and Plywood | 2435 | 2436 | | |
| 66 | Structural Wood Members, n.e.c. | 2439 | | | |
| 67 | Prefabricated Wood Buildings and Components | 2452 | | | |
| 68 | Wood Preserving | 2491 | | | |
| 69 | Wood Pallets and Skids | 2448 | | | |
| 70 | Wood Containers | 2441 | 2449 | | |
| 71 | Particleboard and Wood Products, n.e.c. | 2493 | 2499 | 13 | Paper |
| 72 | Household Furniture | 2511 | 2512 2514 2515 2517 2519 | 23 | Furniture |
| 73 | Office Furniture | 2521 | 2522 | | |
| 74 | Public Building and Related Furniture | 2531 | | | |
| 75 | Partitions and Fixtures | 2541 | 2542 | | |
| 76 | Furniture and Fixtures, n.e.c. | 2591 | 2599 | | |

| Ind # | Industry Title | SIC Classification | | sec # | Industrial Sector Title |
|-------|--|------------------------|-------------|-------|-------------------------|
| | | Classification Code(s) | State Level | | |
| 77 | Pulp Mills | 2610 | | 13 | Paper |
| 78 | Paper Mills, Including Building Paper | 2620 | | | |
| 79 | Paperboard Mills | 2630 | | | |
| 80 | Bags, Except Textile Bags | 2673 | 2674 | | |
| 81 | Paperboard Containers and Boxes | 2650 | | | |
| 82 | Paper Coating and Glazing, Die Cut Paper | 2671 | 2672 | 2675 | |
| 83 | Envelopes and Stationery | 2677 | 2678 | | |
| 84 | Converted Paper Products, n.e.c. | 2679 | | | |
| 85 | Sanitary Paper Products | 2676 | | | |
| 86 | Newspaper Publishing and Printing | 2710 | | | |
| 87 | Periodical Publishing and Printing | 2720 | | | |
| 88 | Book Publishing and Printing | 2731 | 2732 | | |
| 89 | Miscellaneous Publishing | 2740 | | | |
| 90 | Commercial Printing | 2752 | 2754 | 2759 | |
| 91 | Greeting Card Publishing | 2770 | | | |
| 92 | Printing Trade Services | 2791 | 2796 | | |
| 93 | Blankbooks and Bookbinding | 2782 | 2789 | | |
| 94 | Manifold Business Forms | 2761 | | | |
| 95 | Industrial Inorganic Chemicals | 2812 | 2813 | 2816 | 2819, excl 28195 |
| 96 | Industrial Organic Chemicals | 2865 | 2869 | | |
| 97 | Gum and Wood Chemicals | 2861 | | | |
| 98 | Agricultural Chemicals | 2873 | 2874 | 2875 | 2879 |
| 99 | Adhesives and Sealants | 2891 | | | |
| 100 | Explosives | 2892 | | | |
| 101 | Chemical Preparations, n.e.c. | 2893 | 2895 | 2899 | |
| 102 | Plastics Materials and Resins | 2821 | | | |
| 103 | Synthetic Rubber | 2822 | | | |
| 104 | Cellulosic Man-Made Fibers | 2823 | | | |
| 105 | Synthetic Organic Fibers, Except Cellulosic | 2824 | | | |
| 106 | Drugs | 2830 | | | |
| 107 | Soaps and Cleaners | 2841 | 2842 | 2843 | |
| 108 | Perfumes, Cosmetics, and Other Toilet Preparations | 2844 | | | |
| 109 | Paints, Varnishes, and Related Products | 2850 | | | |
| 110 | Petroleum Refining, Except Fuel Oil | 2911 | 2917 | 2992 | 2999 |
| 111 | Fuel Oil | 2915 | | | |
| 112 | Asphalt Paving and Coatings | 2951 | 2952 | | |
| 113 | Tires and Inner Tubes | 3010 | | | |
| 114 | Fabricated Rubber Products, n.e.c. | 3000 | | | |

| Ind # | National Industry Title | SIC Classification | | sec # | State Level Industrial Sector Title |
|-------|--|------------------------|--------------------------|-------|-------------------------------------|
| | | Classification Code(s) | | | |
| 115 | Rubber and Plastics Footwear | 3020 | | 19 | Rubber Products |
| 116 | Rubber and Plastics Hose and Belting | 3052 | | | |
| 117 | Gaskets, Packing, and Sealing Devices | 3053 | | | |
| 118 | Miscellaneous Plastic Products | 3080 | | 20 | Plastic Products |
| 119 | Leather Tanning and Finishing | 3110 | | 21 | Shoes and Leather |
| 120 | Boot and Shoe Cut Stock and Findings | 3130 | | | |
| 121 | Footwear, Except Rubber | 3142 | 3143 3144 3149 | | |
| 122 | Other Leather Goods | 3150 | 3160 3171 3172 3199 | | |
| 123 | Glass and Glass Products, n.e.c. | 3210 | 3229 3230 | 24 | Stone, Clay, and Glass |
| 124 | Glass Containers | 3221 | | | |
| 125 | Cement, Hydraulic | 3240 | | | |
| 126 | Structural Clay Products | 3251 | 3253 3255 3259 | | |
| 127 | Pottery and Related Products | 3261 | 3262 3263 3264 3269 | | |
| 128 | Concrete and Concrete Products | 3271 | 3272 3273 | | |
| 129 | Lime | 3274 | | | |
| 130 | Gypsum Products | 3275 | | | |
| 131 | Cut Stone and Stone Products | 3280 | | | |
| 132 | Nonmetallic Mineral Products, n.e.c. | 3291 | 3292 3295 3296 3297 3299 | | |
| 133 | Steel Mills, Blast Furnaces, and Rolling and Finishing Mills | 3312 | 3313 3315 3316 3317 | 25 | Ferrous Metals |
| 134 | Iron and Steel Foundries | 3320 | | | |
| 135 | Iron and Steel Forgings | 3462 | | | |
| 136 | Miscellaneous Primary Metal Products | 3398 | 3399 | | |
| 137 | Primary Smelting and Refining of Copper | 3331, pt. 3341 | | 26 | Copper |
| 138 | Primary Smelting and Refining of Aluminum | 3334 | 28195 pt. 3341 | 27 | Other Nonferrous Metals |
| 139 | Lead, Zinc, and Other Primary Nonferrous Metals | 3339 | | | |
| 140 | Copper Rolling and Drawing Products | 3351 | | 26 | Copper |
| 141 | Aluminum Rolling and Drawing Products | 3353 | 3354 3355 | 27 | Other Nonferrous Metals |
| 142 | Other Nonferrous Rolling and Drawing Products, and Nonferrous Wire | 3356 | 3357 | | |
| 143 | Aluminum Foundries and Castings | 3363 | 3365 | | |
| 144 | Copper Foundries | 3366 | | 26 | Copper |
| 145 | Nonferrous Castings and Forgings | 3364 | 3369 3463 | 27 | Other Nonferrous Metals |
| 146 | Metal Cans | 3411 | | 28 | Metal Products |
| 147 | Metal Shipping Barrels, Drums, Kegs, and Pails | 3412 | | | |
| 148 | Metal Sanitary Ware and Plumbing Fixtures | 3431 | 3432 | | |
| 149 | Heating Equipment, Except Electrical and Warm Air Furnaces | 3433 | | | |
| 150 | Fabricated Structural Metal Products | 3441 | 3442 | | |
| 151 | Fabricated Plate Work (Boiler Shops) | 3443 | | | |
| 152 | Sheet Metal and Other Metal Work | 3444 | 3446 3448 3449 | | |

| Ind # | Industry Title | National | | SIC Classification | Classification Code(s) | sec # | State Level | Industrial Sector Title |
|-------|--|----------|----------------|--------------------|------------------------|-------|-------------|-------------------------|
| | | Ind # | Industry Title | | | | | |
| 153 | Screw Machine Products, Bolts, and Nuts | 3450 | | | | 28 | | Metal Products |
| 154 | Automotive Stampings | 3465 | | | | | | |
| 155 | Crowns and Closures | 3466 | | | | | | |
| 156 | Metal Stampings, n.e.c. | 3469 | | | | | | |
| 157 | Cutlery and Hand Tools | 3421 | 3423 3425 | | | | | |
| 158 | Hardware, n.e.c. | 3429 | | | | | | |
| 159 | Metal Plating, Polishing, and Coating | 3471 | 3479 | | | | | |
| 160 | Metal Foil and Leaf | 3497 | | | | | | |
| 161 | Miscellaneous Fabricated Wire Products | 3495 | 3496 | | | | | |
| 162 | Steel Springs, Except Wire | 3493 | | | | | | |
| 163 | Pipes, Valves, and Pipe Fittings | 3491 | 3492 3494 3498 | | | | | |
| 164 | Fabricated Metal Products, n.e.c. | 3499 | | | | | | |
| 165 | Steam, Gas, and Hydraulic Turbines | 3511 | | | | | | |
| 166 | Internal Combustion Engines, n.e.c. | 3519 | | | | | | |
| 167 | Farm Machinery and Equipment | 3523 | | | | | | |
| 168 | Garden Tractors and Lawn and Garden Equipment | 3524 | | | | | | |
| 169 | Construction Machinery and Equipment | 3531 | | | | | | |
| 170 | Mining Machinery and Equipment, Except Oil and Gas Machinery | 3532 | | | | | | |
| 171 | Oil and Gas Field Machinery | 3533 | | | | | | |
| 172 | Elevators and Moving Stairways | 3534 | | | | | | |
| 173 | Conveyors, Hoists, and Cranes | 3535 | 3536 | | | | | |
| 174 | Industrial Trucks, Tractors, Trailers, and Stackers | 3537 | | | | | | |
| 175 | Machine Tools, Metal Cutting Types | 3541 | | | | | | |
| 176 | Machine Tools, Metal Forming Types | 3542 | | | | | | |
| 177 | Special Dies, Jigs, Molds, and Cutting Tools | 3544 | 3545 | | | | | |
| 178 | Power-Driven Hand Tools | 3546 | | | | | | |
| 179 | Rolling Mill Machinery and Equipment | 3547 | | | | | | |
| 180 | Metalworking Machinery, n.e.c. | 3549 | | | | | | |
| 181 | Food Products Machinery | 3556 | | | | | | |
| 182 | Textile Machinery | 3552 | | | | | | |
| 183 | Woodworking Machinery | 3553 | | | | | | |
| 184 | Paper Industries Machinery | 3554 | | | | | | |
| 185 | Printing Trades Machinery and Equipment | 3555 | | | | | | |
| 186 | Special Industrial Machinery, n.e.c. | 3556 | | | | | | |
| 187 | Pumps and Compressors | 3561 | 3563 | | | | | |
| 188 | Ball and Roller Bearings | 3562 | | | | | | |
| 189 | Blowers and Exhaust and Ventilation Fans | 3564 | | | | | | |
| 190 | Industrial Patterns | 3543 | | | | | | |
| 191 | Packaging Machinery and General Industrial Machinery, n.e.c. | 3565 | 3569 | | | | | |
| 192 | Mechanical Power Transmission Equipment | 3566 | 3568 | | | | | |

| Ind # | National Industry Title | SIC Classification | | sec # | State Level Industrial Sector Title |
|-------|---|------------------------|-------------------------------|-------|---|
| | | Classification Code(s) | | | |
| 193 | Industrial Process Furnaces and Ovens | 3567 | | 34 | Other Nonelectrical Machinery |
| 194 | Carburetors, Pistons, Piston Rings, and Valves | 3592 | | | |
| 195 | Fluid Power Equipment | 3593 | 3594 | | |
| 196 | Scales and Balances | 3696 | | 36 | Other Office Equipment |
| 197 | Industrial and Commercial Machinery, n.e.c. | 3599 | | 34 | Other Nonelectrical Machinery |
| 198 | Electronic Computers | 3571 | | 35 | Computers |
| 199 | Computer Peripheral Equipment | 3572 | 3575 3577 | | |
| 200 | Calculators and Accounting Machinery | 3578 | | | |
| 201 | Office Machines and Typewriters | 3579 | | 36 | Other Office Equipment |
| 202 | Automatic Merchandising Equipment | 3581 | | 37 | Service Industry Machinery |
| 203 | Commercial Laundry, Dry Cleaning, and Pressing Machines | 3582 | | | |
| 204 | Air Conditioning, Heating, and Refrigeration Equipment | 3585 | | | |
| 205 | Measuring and Dispensing Pumps | 3586 | | | |
| 206 | Service Industry Machinery, n.e.c. | 3589 | | | |
| 207 | Instruments to Measure Electricity | 3825 | | 39 | Electric Industrial Appliances and Distribution Equipment |
| 208 | Transformers | 3612 | | | |
| 209 | Switchgear and Switchboard Apparatus | 3613 | | | |
| 210 | Motors and Generators | 3621 | | | |
| 211 | Relays and Industrial Controls | 3625 | | | |
| 212 | Welding and Soldering Equipment | 3548 | | | |
| 213 | Electrical Industrial Apparatus | 3624 | 3629 | | |
| 214 | Major Household Appliances | 3631 | 3632 3633 | 40 | Household Appliances |
| 215 | Other Household Appliances | 3634 | 3635 3639 | | |
| 216 | Electric Lamps, Light Fixtures, and Wiring | 3641 | 3643 3644 3645 3646 3647 3648 | 41 | Other Electrical Equipment |
| 217 | Household Audio and Video Equipment | 3651 | | 42 | TV Sets, Radios, and Phonographs |
| 218 | Prerecorded Records and Tapes | 3652 | | | |
| 219 | Telephones, Switchboards, Modems, Faxes, etc. | 3661 | | | |
| 220 | Radio and TV Broadcasting and Communication Equipment | 3663 | 3669 | 38 | Communications Equipment and Electronic Components |
| 221 | Electron Tubes | 3671 | | | |
| 222 | Semiconductors and Related Devices | 3674 | | | |
| 223 | Electronic Components, n.e.c. | 3672 | 3675 3676 3677 3678 3679 | | |
| 224 | Storage Batteries | 3691 | | 41 | Other Electrical Equipment |
| 225 | Primary Batteries, Dry and Wet | 3692 | | | |
| 226 | X-ray and Irradiation Apparatus | 3844 | | | |
| 227 | Electromedical and Electrotherapeutic Apparatus | 3845 | | | |
| 228 | Engine Electrical Equipment | 3694 | | | |
| 229 | Magnetic and Optical Recording Media | 3695 | | | |
| 230 | Electrical Machinery, Equipment and Supplies, n.e.c. | 3699 | | | |

| Ind # | Industry Title | SIC Classification | | sec # | State Level Industrial Sector Title |
|-------|--|--------------------------|--|-------|--|
| | | Classification Code(s) | | | |
| 231 | Truck and Bus Bodies | 3713 | | 43 | Motor Vehicles |
| 232 | Truck Trailers | 3715 | | | |
| 233 | Motor Vehicles and Passenger Car Bodies | 3711 | | | |
| 234 | Motor Vehicle Parts and Accessories | 3714 | | | |
| 235 | Aircraft | 3721 | | 44 | Aerospace |
| 236 | Aircraft and Missile Engines, Propulsion Units and Parts | 3724 3764 | | | |
| 237 | Aircraft and Missile Parts and Auxiliary Equipment, n.e.c. | 3728 3769 | | | |
| 238 | Shipbuilding and Repairing | 3731 | | 45 | Ships and Boats |
| 239 | Boat Building and Repairing | 3732 | | 46 | Other Transportation Equipment |
| 240 | Railroad Equipment | 3740 | | | |
| 241 | Motorcycles, Bicycles, and Parts | 3750 | | | |
| 242 | Travel Trailers and Campers | 3792 | | | |
| 243 | Mobile Homes | 2451 | | 22 | Lumber |
| 244 | Motor Homes | 3716 | | 43 | Motor Vehicles |
| 245 | Transportation Equipment, n.e.c. | 3799 | | 46 | Other Transportation Equipment |
| 246 | Search and Navigation Equipment | 3812 | | | |
| 247 | Laboratory Apparatus and Furniture | 3821 | | | |
| 248 | Measuring Devices and Environmental Controls | 3822 3823 3824 3829 | | | |
| 249 | Surgical and Medical Instruments | 3841 | | 80 | Medical Instruments and Supplies |
| 250 | Surgical Appliances and Supplies | 3842 | | | |
| 251 | Dental Equipment and Supplies | 3843 | | | |
| 252 | Watches, Clocks, Clockwork-Operated Devices, and Parts | 3870 | | 47 | Instruments |
| 253 | Laboratory and Optical Instruments | 3826 3827 | | | |
| 254 | Ophthalmic Goods | 3850 | | 47 | Instruments |
| 255 | Photographic Equipment and Supplies | 3860 | | | |
| 256 | Jewelry, Precious Metal, Silverware, and Plated Wares | 3911 3914 3915 | | 48 | Other Manufacturing |
| 257 | Musical Instruments | 3930 | | | |
| 258 | Games, Toys, and Play Vehicles | 3942 3944 | | | |
| 259 | Sport and Athletic Goods, n.e.c. | 3949 | | | |
| 260 | Pens, Pencils, and Other Office and Artists' Materials | 3951 3952 3953 3955 | | | |
| 261 | Costume Jewelry and Notions | 3961 3965 | | | |
| 262 | Manufacturing, n.e.c. | 3991 3993 3995 3996 3999 | | | |
| 263 | Railroads | 4000 4740 pt. 4789 | | 49 | Railroads |
| 264 | Local and Suburban Passenger Transportation | 4100 | | 50 | Trucking and Highway Passenger |
| 265 | Trucking and Warehousing | 4200 pt. 4789 | | | Transit |
| 266 | Water Transportation | 4400 | | 51 | Water Transportation |

| Ind # | National Industry Title | SIC Classification | | sec # | State Level Industrial Sector Title |
|-------|--|------------------------------------|----------|-------|--|
| | | Classification Code(s) | | | |
| 267 | Airlines | 4500 | | 52 | Air Transportation |
| 268 | Pipelines | 4600 | | 53 | Pipeline |
| 269 | Transportation Services | 4700 | | 54 | Transportation Services |
| 270 | Telephone and Telegraph | 4800 | -4830 | 55 | Communications Services |
| 271 | Radio and TV Broadcasting | 4830 | | | |
| 272 | Electric Utilities | 4910 pt 4930 | | 56 | Electric Utilities |
| 273 | Natural Gas | 4920 pt 4930 | | 57 | Gas Utilities |
| 274 | Water, Sewer, Steam, and Irrigation Services | 4940 4950 4960 4970 pt 4930 | | 58 | Water and Sanitation |
| 275 | Wholesale Trade | 5000 5100 | | 59 | Wholesale Trade |
| 276 | Retail Trade | 5200 5300 5400 5500 5600 5700 5900 | | 60 | Retail Trade |
| 277 | Eating and Drinking Places | 5800 pt 7000 | | 61 | Eating and Drinking Places |
| 278 | Banking | 60 | | 62 | Finance and Insurance |
| 279 | Credit Agencies Other Than Banks | 61 | 67 -6732 | | |
| 280 | Security and Commodity Brokers, Dealers, Exchanges, and Services | 62 | | | |
| 281 | Insurance Carriers | 63 | | | |
| 282 | Insurance Agents, Brokers, and Services | 64 | | | |
| 283 | Owner-Occupied Dwellings | No SIC | | 64 | Owner-Occupied Housing |
| 284 | Real Estate | 6500 6600 1531 | | 63 | Real Estate |
| 285 | Royalties | I-O sector, but no SIC | | | |
| 286 | Hotels, Rooming Houses, Camps, and Other Lodging Places | 7000 | | 65 | Nonautomotive Repair Services, Hotels, and Lodging |
| 287 | Personal and Repair Services | 7200 7620 7630 7640 | | | |
| 288 | Personnel Supply Services | 736 | | 66 | Research Labs, Computer and Engineering Services |
| 289 | Computer and Data Processing Services | 737 | | | |
| 290 | Research Laboratories and Management Consulting | 8731 8732 8734 8740 | | | |
| 291 | Equipment Rental and Leasing Services | 7350 | | | |
| 292 | Advertising | 7310 | | | |
| 293 | Other Business Services | 7320 7330 7340 7380 7390 7690 | | | |
| 294 | Legal Services | 8110 | | | |
| 295 | Engineering and Architectural Services | 8710 | | | |
| 296 | Other Professional Services, Including Accounting | 8720 8900 | | | |
| 297 | Auto Rental and Leasing | 751 | | 67 | Automobile Repairs |
| 298 | Auto Repair and Services | 75 other | | | |
| 299 | Motion Pictures | 78, exc. 7840 | | 68 | Movies and Amusements |
| 300 | Video Tape Rental | 7840 | | 66 | Research Labs, Computer and Engineering Services |

| Ind # | Industry Title | SIC Classification | | sec # | State Level Industrial Sector Title |
|-------|--|------------------------|------------------------------------|-------|--|
| | | Classification Code(s) | | | |
| 301 | Amusements and Recreation Services | 7910 | 7920 7930 7941 7948 7990 | 68 | Movies and Amusements |
| 302 | Private Hospitals | 806 | | 82 | Private Hospitals |
| 303 | Physicians, Excluding Dentists | 801 | 803 | 83 | Physicians |
| 304 | Dentists and Miscellaneous Medical Services | 0740 | 8020 8041 8043 8048 8070 8080 8090 | 84 | Other Medical Services |
| 305 | Nursing Homes | 805 | | 85 | Nursing Homes |
| 306 | Education and Libraries | 82 | | 69 | Education and Nonprofit Organizations |
| 307 | Social Services | 83 | | | |
| 308 | Museums, Nonprofits, Research, and Private Education | 84 | 8650 8690 8733 6732 | | |
| 309 | Membership Organizations | 86 | | | |
| 310 | United States Postal Service | 4311 | | 70 | Federal, State, and Local Government Enterprises |
| 311 | Federal Government Enterprises | No SIC | | | |
| 312 | State and Local Government Enterprises | No SIC | | | |
| 317 | Government Industry Compensation | No SIC | | 76 | Government Industry Compensation |

FEEDBACK FORM

1. Does this publication provide the information you need to interpret the projections in which you are interested? If not, what are the most important missing items?

2. Do the projections for your industry or state seem to be reasonable?

3. Are there other published forecasts with which the projections for your industry or state can be compared?

4. Which projections are most and least useful to you?

MOST

- _____ Direct defense purchases for an industry
- _____ Indirect defense purchases for an industry
- _____ Direct defense expenditures for a state
- _____ Indirect defense expenditures for a state
- _____ Geographic distribution of direct purchases
- _____ Geographic distribution of indirect purchases

LEAST

- _____
- _____
- _____
- _____
- _____
- _____

Other:

5. Comments on the format of the tables in this report:

OPTIONAL

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Title

Company

Address

City

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Office of the Director, Program Analysis and Evaluation
Office of the Secretary of Defense
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